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Remsen, J. V.

1972

Alaska

Catalog: #1972-1 thru 1972-7

Journal

Species Accounts

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Catalog: #1972-1 thru 1972-7

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Catalogue

1972-1 Phalaropus fulicarius ♀ 58.1 g. Found injured at IBP site 1 6-18-72, Barrow, Alaska. Very light fat. Ova to 5mm.

1972-2 Phalaropus fulicarius ♀ 44.5 g. Found injured (and starving as indicated by light weight) at IBP site 1, Barrow, Alaska., 6-23-72. Ova to 4 mm.

1972-3 Phalaropus fulicarius ♀ 51.1 g. Found injured near Voth Slough, Barrow, Alaska, 7-6-72. Ova to 1 mm.

1972-4 Calidris melanotos ♀ 58.2 g. Collected by F.A. Pitelka in Voth Slough, Barrow, Alaska, 7-9-72. Four follicles recently collapsed (probably laid eggs two to three days earlier according to F.A.P.). Light fat.

1972-5 Xema sabini ♀ 139.7 g. Found dead at Point Barrow, Alaska by Don Schell on 7-11-72. Ova to 2mm. No fat.

1972-6 Calidris melanotos ♀ 55.5 g. Collected by Tom Custen 2 miles south of Barrow village, Alaska, 7-21-72. Ova < 1mm. Light fat.

1972-7 Calcarius lapponicus ?sex JW. No wt. Found at Site 2 with broken wing (IBP site, Barrow, Alaska) 7-30-72, where it was found on 7-20 by Jeff Myll but not collected. Banded 79-84830 as a nestling in IBP Nest 1 on 6-30-72.

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NARL, Point Barrow, Alaska

9 June Britton area + IBP site 2000-0100

Wind: 10-15 E

Temp: ~ 32-40

Sky: PC

Ground: all polygon tops bare - most troughs still with snow. No new green growth

Species:

White-fronted Goose	4
Pintail	30 (20♂)
Oldsquaw	20 (10♂)
Am Golden Plover	4
Ruddy Turnstone	10
Dunlin	30
Curlew Sandpiper	2 (1♂ 1♀)
White-rumped Sandpiper	1
Long-billed Dowitcher	1
Pectoral Sandpiper	4
Semipalmated Sandpiper	20
Red Phalarope	25
Pomarine Jaegar	30
Glaucous Gull	100
Lapland Longspur	20
Snow Bunting	4
Snowy Owl	2 (1♂, 1♀)
Brown Lemming	3

Lemmings

3 at IBP site

Predators

30 Pomarine Jaegars movins NW in flocks of 12 (2 dark, one of which appeared not to have the twisted rectrices)

6

5

2,2,2,1

2 Snowy Owls : 1 ♂, 1 unknown : sittins on snow about ½ mile S. of IBP site

Longspurs : hunted for nests, 2200-0100 with Tom Custer (TWC). Found one with 2 eggs. Shown another found previously near Britton site by TWC with 4 eggs. Males singing vigorously. Density low according to TWC

Shorebird courtship : Semipalmated Sandpipers and Dunlins both giving flight songs frequently. One Pectoral inflating chest. Curlew Sandpipers apparently paired. Phalaropes frequently engaged in chases, usually involving three birds.

Migration : no obvious migration noted other than jaegars noted above

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NARL, Point Barrow, Alaska

10 June 2000 - 2200

Location: IBP site + walk from Britton area to NARL

Wind
~~Weather~~: 0-5 NE

Temp: ~40

Sky: pc

Ground: mostly clear, some snow in deeper channels

Species:

Black Brant	1
Pintail	4
Oldsquaw	35 (30 → NE)
Stellers Eider	4
Am Golden Plover	2
Ruddy Turnstone	8
Dunlin	15
White-rumped Sandpiper	1
Pectoral Sandpeper	8
Semipalmated Sandpiper	10
Red Phalarope	15
Pomarine Jaegar	5
Glaucous Gull	400 (90% in 2nd-4yr or 3rd year plumage; 10% adults)
Sabinels Gull	1
Arctic Tern	5
Lapland Longspur	15
Snow Bunting	6
? redpoll	1
~~6~~	
Brown Lemming	4

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Lemmings: 4 at IBP site.

Predators: ~~few~~ no jaegars seen moving northE; all 5 sitting on tundra near IBP site, but didn't stay long. No owls.

Longspurs: recorded feeding observations with TWC 1015-1200. Alone from ~~0800 — 0~~ 2000 - 2130: Males chasing other males when near female.

Shorebird courtship: Pectoral seen inflating chest for female, making deep booming sound as he displayed. Turnstones also giving flight song. Curlew Sandpipers looked for but not seen. Density much lower today — more spread out due to melt-off.

Migration: 30 Odsquaws → NE

4 Stellals Eiders → SW

5 Arctic Terns → NE along coast

1 Sabinels Gull → NE "

1 Golden-crowned Sparrow heard singing near Bldg. 350.

NARL, Point Barrow, Alaska

11 June 1115-1545, 1845-2130 ~~0845-0~~

Location: IBP site + walks thru Britton area to NARL

Wind: mostly calm

Temp: 40-55

Sky: mostly clear

Ground: very little snow left

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Species:		
	Arctic Loon	2
	White-fronted Goose	4
	Pintail	20
	Oldsquaw	70
	Steller's Eider	2
	Am. Golden Plover	4
	Ruddy Turnstone	15
	Dunlin	15
	Curlew Sandpiper	3
	Pectoral Sandpiper	10
	Sharp-tailed Sandpiper	1 (sa)
	Baird's Sandpiper	4
	White-rumped Sandpiper	3
	Semipalmated Sandpiper	20
	Sanderling	2
	Red Phalarope	50
	Northern Phalarope	~~1~~
	Pomarine Jaegar	10
	Parasitic Jaegar	1 dark
	Glaucous Gull	100
	Sabine's Gull	5
	Arctic Tern	5
	Snowy Owl	1♂
	Lapland Longspur	20
	Snow Bunting	8
	Hoary Redpoll	10
	Brown Lemming	~~4~~ 5

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also Golden-crowned Sparrow 1 - singing in camp

Lemmings: 1 IBP, ½ Britton, one of which was captured by a Glaucous Gull

Predators: 10 Pomarine Jaegars in 2's and singles
1 dark Parasitic Jaegar near IBP → E
1 ♂ Snowy Owl, W. edge of Family Lagoon
Glaucous Gull seen to capture and eat a Brown Lemming

Shorebird courtship: pair of White-rumped Sandpiper courting W. of Calleecater; male makes an unbelievably mechanical sound, consisting of a low buzz followed by a high-pitched hiss several times in a row.

Baird's also seen displaying - sounds much like a Dunlin. Wingbeats in flight display slow like a hawk. One bird viciously attacked anything in the vicinity, including even a Hoary Redpoll

Migration: Sabines and Arctic Terns moving e along coast. 2 Arctic Loons moving west (1) and south (1)

NARL, Point Barrow, Alaska

12 June Location: IBP sites to Britton area
Time: 0815-1200, 1515-1700
Wind: 0-10
Temp: 35-50?
Sky: p.c to clear
Ground: little snow left

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Species:		
Arctic Loon	1 → N	
Pintail	15	
Oldsquaw	50	
Ruddy Turnstone	10	
Dunlin	20	
Pectoral Sandpiper	12	
White-rumped Sandpiper	2	
Baird's Sandpiper	4	
Semipalmated Sandpiper	20	[nest w/2 eggs on Britton area]
Red Phalarope	20	
Pomarine Jaegar	15	
Parasitic Jaegar	1	dark
Glaucous Gull	50	
Sabine's Gull	2	
Hoary Redpoll	5	
Lapland Longspur	20	
Snow Bunting	10	[nest in barrel on South Salt Lake ice, female feeding young—carrying food into hole and leaving immediately. I probably nest material.]
Brown Lemming	5	

Lemmings: 5 seen (3 captured) in Britton area

Predators: all jaegars moving NE except for one pomarine sitting on tundra

♂ White-winged Scoter retrieved alive by Eskimo and brought to lab — location of retrieval unknown.

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NARL, Point Barrow, Alaska

13 June

Location: IBP sites to Britton area

Times: 1015-~~1130~~ 1115, 1210-1700, 1915-2045

Wind: 0-10

Temp: 40-45?

Sky: clear to p.c.

Ground: almost clear

Species:		
	White-fronted Goose	3
	Snow Goose	3
	Pintail	30
	Oldsquaw	30
	Ruddy Turnstone	4
	Dunlin	15
	Pectoral Sandpiper	8
	Bairdls Sandpiper	1
	Semipalmated Sandpiper	20
	Rufous-necked Sandpiper	2
	Red Phalarope	40
	Pomarine Jaegar	6
	Parasitic Jaegar	4
	Long-tailed Jaegar	3
	Glaucous Gull	30
	Sabinels Gull	2
	Arctic Tern	3
	Hoary Redpoll	3
	Lapland Longspur	25
	Snow Bunting	12

nest with 2 eggs at IBP found by TWC

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Lemmings:

Broun Lemming 13

Collared Lemming 1 (captured - IBP)

Predators: 2 Pomarine Jaegars apparently setting up territories on IBP area. Observed making nasal cackling sound, foraging together over the area, driving away Glaucous Gull. One caught lemming while sitting on the ground. 4 more seen moving NE.

4 light parasitics foraging together, landing SW of IBP.

3 Long-taileds moving E. over IBP

no owls

Migration: Sabine's Gulls and Arctic Terns seen moving inland for the first time

Longspurs: ~~Feeding~~ Time-activity + traplines at IBP from 1060 - 1115, 1345 - 1700, 1915 - 2045,

NARL, Point Barrow, Alaska

14 June

Location: IBP sites 1, 7 to Britton area

Times: ~~0825 - 1200~~ 0825 - 1200, 1510 - 1700

Wind: 20 - 30 mph, depressing bird activity

Temp: 35

Sky: overcast

Ground: clear

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Species:	loon (sp)	1	(probably Red-throated)
	Pintail	10	
	Oldsquaw	10	
	Steller's Eider	4	
	Semipalmated Plover	1	(Gaswell x Village Rd pond)
	Dunlin	20	
	Knot	3	(one still not in complete breed plum Gaswell x Village Rd. pond)
	Pectoral Sandpiper	8	
	Semipalmated Sandpiper	20	
	Ruddy Turnstone	6	
	Sanderling	1	N.B. plumage Gaswell x Village Rd pond
	Red Phalarope	40	- nest with 1 egg
	Pomarine Jaegar	8	
	Parasitic Jaegar	1	- dark
	Glaucous Gull	10	
	Arctic Tern	2	
	Hoary Redpoll	4	
	Lapland Longspur	25	
	Snow Buntins	10	

Lemmings: 5 Brown Lemmings

Predators: at least one (maybe 2) pairs of Pomarine continue to be territorial at IBP site 1.

Glaucous Gull seen in flight carrying what was probably a lemming when a Pomarine Jaegar made a pass at it - the gull dropped the lemming but the jaegar didn't pursue the issue. The gull

went down and got the food, but was pursued out of sight by another Glaucous

no owls.

Migration: too windy. Loon moving inland. At Caswell x Village Rd pond, 1 Semipalmated Plover, 1 Sanderling, 2 Knots

Longspurs: Feeding records on from 0825-1200, 1510-1700.

NARL, Barrow, Alaska

15 June

Location: IBP site 1+7

Times: 0825-1200, 2130-2350

Wind: 30 mph

Temp: 35-40 mph

Sky: clear

Species:

loon (sp)	2
Pintail	10
Oldsquaw	5
Steller's Eider	8
Am. Golden Plover	1
Dunlin	15
Pectoral Sandpiper	10
Baird's Sandpiper	2
Semipalmated Sandpiper	15
Ruddy Turnstone	4
Red Phalarope	25
Pomarine Jaegar	8

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Glaucous Gull	15
Arctic Tern	2
Lapland Longspur	20
Snow Bunting	8
Snowy Owl	1

Lemmings: 10 IBP site 1.

Predators: Several pairs of jaegars definitely setting up territories around IBP areas.

1 Snowy Owl seen at Britton site

Migration: ~~6 Stellr~~ too much wind

Longspurs: With TWC, took time-activity patterns and mapped individual territories on site 1.

Changed time-lapse camera films at 2345.

NARL, Barrow, Alaska

16 June

Location: IBP sites 1+7, Gaswell x Village Rd pond

Wind: 20 - 30 mph

Temp: 35 - 42

Sky: clear to p.c.

Species:

Pintail	6
Oldsquaw	5
Am. Golden Plover	2
Semipalmated Plover	1 - Gaswell x Village Rd
Ruddy Turnstone	4
Dunlin	15
Pectoral Sandpiper	12
Bairdls Sandpiper	2
Semipalmated Sandpiper	25

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	_Gasvell x Villase Rd
Rufous-necked Sandpiper	1 - collected LSG
Stilt Sandpiper	1 - Gasvell x Villase Rd
Western Sandpiper	2 - Gasvell x Villase Rd
Red Phalarope	50
Pomarine Jaegar	8
Glaucous Gull	20
Hoary Redpoll	2
Lapland Longspur	25
Snow Bunting	6

Lemmings: 12 IBP areas, Villase ridge; 1 juvenile at site 1.

Predators: 8 jaegars around sites 1 + 7 - One seen with lemming.

Migration: good collection of migrants at Gaswell x Village Rd. pond: 1 Rufous-necked Sp, 2 Western Sps, 1 Stilt Sp., 1 Semipalmated Plover

Longspurs: Feeding observations from 1030-1200, 1510-1700.

NARL, Barrow, Alaska

17 June

Location: IBP site 1 + Village Ridge

Time:	0830-1200	2030-2215
Wind:	0-5	10-20
Temp:	40	35
Sky:	clear	overcast

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Species:

Arctic Loon	1 -	→ N
Pintail	15	
Steller's Eider	10 -	female scooping out potential nest site.
Oldsquaw	6 -	big flock has dispersed from Family Lagoon
Am. Golden Plover	2	
Ruddy Turnstone	6	
Dunlin	15	
Pectoral Sandpiper	20 -	recent increase
Baird's Sandpiper	4	
Semipalmated Sandpiper	25	
Curlew Sandpiper	3 (2♂ 1♂)	S.A.
Red Phalarope	40	
Pomarine Jaegar	8	
Glaucous Gull	50	
Snowy Owl	7	
Lapland Longspur	30	
Snow Bunting	8	

Lemmings: Sporadically distributed areas of very heavy cutting on Village Ridge. 12 seen at IBP site 1.

Predators: Jaegars continue to be present, but in low densities according to Dr. Pitelka. One seen pursuing Glaucous Gull on Gasline Ridge; another bombing Snowy Owl on Village Ridge

3 pairs of Snowys seen at one time from vantage point on Village Ridge, all within same square half-mile. Another seen near Family Lagoon

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From vantage points such as Village Ridge, one can see flocks of 20-30 Glaucous Gulls just resting on the tundra.

Longspurs: Chansed time lapse films at approximately 0845, moving one camera off a Red Phalarope nest and back to previous longspur nest. Time-activity plus territory data gathered from 0930-1200, 2030-2200. Female at nest 1 seen to viciously chase male SY-YR (color band combo); male SY-RB is the male attending that female.

NARL, Barrow, Alaska

18 June

Location: IBP sites 1+7, Village Ridge (latter with Dr. Frank Pitelka)

Wind: 10-20

Temp: 35-40

Sky: overcast

Ground: much drying of standing water in last two days.

Species:

Pintail	10	(nest w/5 eggs reported by Jeff Mull)
Oldsquaw	5	
Stellers Eiders	10	(courtship observed - described in personal notes)
Am. Golden Plover	1	
Ruddy Turnstone	2	
Dunlin	10	- nest/4 eggs Village Ridge
Pectoral Sandpiper	20	
Bairds Sandpiper	6	
Semipalmated Sandpiper	20	
Curlew Sandpiper	2 (♂, ♂)	- nest with 3 eggs - CSA

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Red Phalarope	25
Pomarine Jaegar	10 - copulation observed by myself and F.A.P.
Arctic Tern	2
Glaucous Gull	20
Snowy Owl	3
Lapland Longspur	30
Snow Bunting	10
Hoary Redpoll	1

Lemmings: 15 Brown Lemmings seen at IBP site 1.

Predators: A female observed broading in marshy area sw of site 1, but there were no eggs - only a hollow scooped out in the grass. She then proceeded to catch a lemming and when a male arrived they tugged and pulled at it and then faced each other upright in some sort of display. Male then stood on female's back, stomping up and down and screaming at her. He then retreated into copulation position, but only for a brief moment. This was repeated again 3 times, with each duration of copulation position becoming longer.

Dark Pomarine observed over site 1. Pomarine seen chasing adult Glaucous Gull viciously.

3 Snowy Owls (2♂ 1♀) seen from Village Ridge.

Longspurs: Nest found with 7 eggs n. of trap 13 on side 1. Traps opened between 0845 - 0945, closed at 2030 - 2100; checked at 1100, 1400, 1600, 2000; only four captures of three birds (all males, one new) despite cold weather. Female of nest 1 chased another

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female for over 50 yards; I had flushed her from her nest a few minutes before.

Shorebird courtship: 4 male Pectorals seen chasing one female. A male Pectoral was observed to chase repeatedly both members of a pair of Semipalmated Sps.

Migration: 2 Arctic Terns moving E along coast.

NARL, Barrow, Alaska

19 June

Locations: IBP site 1, IBP bird transect, walk site 1 to Gaswell x South Meadow Lake Village Rd pond

Times: 1200-1430, 2130-0100

Wind: 0-15 mph

Temp: 40

Sky: overcast

Species:

Yellow-billed Loon	1	→ E
Arctic Loon	2	(S. Meadow Lake)
loon (sp)	2	
Pintail	20	
Oldsquaw	5	
Steller's Eider	6	
Am Golden Plover	4	
Ruddy Turnstone	7	
Dunlin	15	
Pectoral Sandpiper	25	
White-rumped Sandpiper	1	n. of IBP 1
Baird's Sandpiper	6	
Semipalmated Sandpiper	20	
Sanderling	1	(G×V Rd pond)

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Red Phalarope	60 (1 in complete N-Breed plumage)
Northern Phalarope	4 ♀ (G×V Rd pond)
Pomarine Jaeger	10
Parasitic Jaeger	2
Long-tailed Jaeger	1
Glaucous Gull	70
Snowy Owl	2
Lapland Longspur	25
Snow Bunting	6

Lemmings: 10 Brown Lemmings at IBP-1. Heavy cutting in spots on Gasline Ridge. One juvenile Collared Lemmings shown to me by Batzli's assistant, taken from live trap.

Predators: Dark Parasitic escorted from Pomarine territory at IBP-1.; another dark Parasitic seen along beach. Long-tailed seen over S. Meadow Lake.

1 Snowy Owl e. of S. Meadow Lake. Another in Britton area.

Longspurs: TWC and I did vegetation samplings at Site 1 from 1200-1430. Censused IBP Bird Transect and IBP site 1 for longspurs 2130-2400. Changed longspur nest camera films 2400.

Migration: at Caswell x Village Rd pond, 4 ♀ No. Phalaropes, and one Sanderling; also a Red Phalarope in full non-breeding plumage. Yellow-billed Loon flying east.

Shorebird courtship: White-rumped Sandpiper giving courtship display n. of IBP 1. Flew towards Village Ridge, maybe due west, and landed. Same spot

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where seen earlier this month, Pectoral seen to displace Dunlin once from polygon top. Larger shorebird (species unidentified – best guess was Golden Plover) seen from a distance to give close pursuit to a Pomarine Jaeger in a hot chase lasting ~20 seconds, with the jaeger in total rout.

NARL, Barrow, Alaska

20 June Locations: IBP sites 1+7, Village Ridge

Times: 1340-1745, 2030-2230

Wind: 10-15 mph

Temp: 40

Sky: overcast

Species:

loon (sp)	2 → N
Pintail	10
Oldsquaw	6
Steller's Eider	4
King Eider	60 → NW
Am. Golden Plover	6
Ruddy Turnstone	8
Dunlin	20
Curlew Sandpiper	5 (3♂ 2♀) + new nest (S.A.) with 4 eggs
Pectoral Sandpiper	25
Baird's Sandpiper	4
Semipalmated Sandpiper	20
Knot	1
Buff-breasted Sandpiper	2
Sanderling	1

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Red Phalarope	40
Pomarine Jaegar	10
Parasitic Jaegar	3
Snowy Owl	3
Lapland Longspur	25
Snow Bunting	6
Glaucous Gull	40

Lemmings: 10 at IBP side 1

Predators: Pair of Pomarines chased off 3 Parasitics (2 dark, 1 light) w. of IBP.

3 Snowy Owls seen from Village Ridge

Longspurs: Feeding records from 1630-1745 and with TWC from 2030-2230.

Shorebirds: 2 Buff-breasteds displaying just e. of "cafeeater" at site 1. Males flew up suddenly from the ground and then back down again; maybe to 3 feet up, flapping vigorously. They acted crazy, jumping up and down in these short flights. Twice they ascended maybe 40 feet up together within 2 feet of each other, then fluttered near each other in one spot for 10 seconds, then fluttered back down. Occasionally one would raise a wing, exposing the pure white underwing. One was seen to arch his wings forward as if to hug somebody. One was chased violently by a male longspur, once on the ground and once while fluttering in the air.

one heard giving a low clicking sound

Sanderling seen displaying near Curlew Sandpiper nest #2 - low hoarse croaking sound while fluttering wings

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8 male pectorals seen chasing one female

rapidly like semipalmated in air

Migration: flock of 60 Kings Eiders → NW, 2 loons (sp.?) → N

NARL, Barrow, Alaska

21 June

Location: IBP site 1

Times: 0830 - 1100, 1445 - 1630

Wind: 15-20 mph

Temp: 35

Sky: overcast

Species:

loon (sp)	2	→ E
Black Brant	12	→ E
Pintail	20	(saw a previously discovered nest with 7 eggs)
Am. Golden Plover	2	
Ruddy Turnstone	1	
Dunlin	10	
Pectoral Sandpiper	15	
White-rumped Sandpiper	1 ♂	
Baird's Sandpiper	4	
Semipalmated Sandpiper	20	(found nest with 4 eggs)
Buff-breasted Sandpiper	2	(same place)
Red Phalarope	20	
Pomarine Jaeger	6	
Glaucous Gull	20	
Lapland Longspur	20	
Snow Bunting	4	

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Lemmings: 4 at site 1 – seem to becoming scarcer

Predators: nothing new

Longspurs: Chansed nest camera Films 0840-0900. Feeding observations 0900-1100 and with TWC 1445-1630

Shorebirds: White-rumped Sandpiper displaying at same spot as yesterday – only one bird could be found. Seen to displace and chase Semipalmated. Baird's also seen to chase Semipalmated. New Semipalmated nest found w. of road near cattle-eater – 4 eggs.

Buff-breasteds still is same place. Continued to display. They don't just hold their wing up but they rotate it backwards actively. The crazy hops into the air ~~must~~ achieve maximum exposure of armpits

Migration: 12 Black Brant → E, 2 loons → E

22 June

NARL, Barrow, Alaska

Locations: IBP sites 1+7, Village Ridge

Times: 0830-1200, 1340-1745

Wind: 10-20 mph

Temp: 35°

Sky: overcast to p.c.

Species:

loon (sp)	2 - over
Whistling Swan	3
Pintail	10
Oldsquaw	2
Steller's Eider	8

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American Golden Plover	2	
Ruddy Turnstone	2	
Dunlin	15	
Curlew Sandpiper	1♀	(S.A.)
Pectoral Sandpiper	25	
Baird's Sandpiper	6	
Semipalmated Sandpiper	15	
Buff-breasted Sandpiper	1	
Western Sandpiper	1	
Red Phalarope	30	(found nest w/ 4 eggs)
Pomarine Jaeger	10	(found nest w/ 2 eggs)
Arctic Tern	3	
Glaucous Gull	110	
Snowy Owl	1♀	
Hoary Redpoll	1	
Lapland Longspur	25	
Snow Bunting	10	

Lemmings: 7 IBP site 1

Predators: Nest with 2 eggs found in the Voth Slough drainage west of site 4.

1 ♀ Snowy Owl driven onto IBP site 1 by pair of Pomarine Jaegers, who made contact in flight from above at least twice while in pursuit.

Longspurs: Time-activity and territory outlinings from 0830-1200, 1330-1545. Changed nest camera films 1600. Removed camera from nest III-1 to Curlew Sandpiper nest 1.

Territory mapping continues to show that each male ranges

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over a very wide area and these areas overlap greatly. Little antagonism (or at least only sporadic at best) is shown between males.

There may be some polygamy on IBP site 1. The male attending both nests 6 and 2 is color banded SY-RY. He drives away other males from both nest sites. There is a possibility that one may be SW·RY – has to be double-checked. Males will chase away other males when close to the nest, but not always. ♂ Longspur seen to chase away a Hoary Redpoll as soon as it landed near him.

Shorebirds: ♀ Curlew Sandpiper at Nest 1 returned to her nest after about 5 minutes of hesitation when camera and alarm clock placed at the nest. Dr. Pitelka saw two male Curlews give a territorial dispute display consisting of jumping up in the air next to each other – similar to Buff-breasted display. This is really beautiful because it makes the picture more certain that the Curlew is the evolutionary transition between the social systems of Pectoral and Buff-breasted. Dr. Pitelka also observed a Pectoral attempt to supplant a Curlew from a mound, but retreated when the Curlew flashed his wins – raised it up like a Bairdis.

Pectoral Sandpiper seen to chase a Semipalmated for 10 seconds.

Migration: 2 loons heard overhead. 3 whistling swans flushed from near trapline III and they eventually headed west. 1 Western Sandpiper at Vagrant Pond.

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23 June

NARL, Barrow, Alaska

Locations: IBP sites 1+7, Gasline Ridge, Village Ridge

Times: 0830 - 1100, 1340 - 1740, 2030 - 2400

Wind: 10 - 30 mph

Temp: 35 + drizzle

Sky: overcast

Species:

Pintail	2
Oldsquaw	2
Steller's Eider	6
Red-breasted Merganser	1 ♀
Am. Golden Plover	3
Ruddy Turnstone	6
Long-billed Dowitcher	3
Dunlin	15
Pectoral Sandpiper	35
Baird's Sandpiper	8
Semipalmated Sandpiper	20
Buff-breasted Sandpiper	4
Red Phalarope	30 (Found three nests with 4, 2, 1 eggs)
Pomarine Jaeger	15
Parasitic Jaeger	1
Glaucous Gull	40
Arctic Tern	6
Snowy Owl	6
Lapland Longspur	30
Snow Bunting	6
duck(sp)	100 → E

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Lemmings: 4 IBP site 1

Predators: Pomarines harassing Snowy owl and Glaucous Gull. Dave Norton reported a Pomarine eating Pintail eggs.

1 dark Parasitic at S. Meadow Lake

6 Snowy Owls within 1/2 mile of each other along northern end of Gasline Ridge

Longspurs: Opened IBP trap grid at 0830. Checked at 1100, 1330, 1630, 2030, and 2230. 4 new traps placed out today; these 4 plus the 2 I placed out last time accounted for 100% of the longspur catch- mostly new males but some good recaptures for males from known nests far away from these nests.. Changed films at 2330-2400.

Shorebirds: Flocks of 20 and 8 Pectoral Sandpipers (non-breeders) seen. 5 Pectorals chasing 1 female. Pectoral chased Dunlin for 2 seconds

3 Red Phalarope nests found: 2 on IBP site, one in Voth Slough (N/4) N/1, N/2

4 Buff-breasted Sandpipers on IBP site 1 were not doing any displaying, probably because of the bad weather. 3 were on the west side of site 1 and one was east of the cattle-eater.

3 Long-billed Dowitchers flew over site 1. Curlew Sandpiper nest camera film changed 2330.

Migration: flock of 100 duck(sp) → E. 6 Arctic Terns → E along coast. 1 ♀ Red-breasted Merganser flushed from Family Lagoon.

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24 June

NARL, Barrow, Alaska

Location: IBP site 1

Time: 1340 - 1740

Wind: 0 - 20 mph

Temp: 40

Sky: overcast + some drizzle, fog

Species:		
Arctic Loon	1	→ NW
loon (sp)	1	→ S
Pintail	2	
Oldsquaw	1	
Steller's Eider	5	
American Golden Plover	2	
Ruddy Turnstone	2	
Dunlin	6	
Pectoral sandpiper	15	
Baird's Sandpiper	4	
Semipalmated Sandpiper	12	
Buff-breasted Sandpiper	4	
Red Phalarope	20	
Pomarine Jaeger	8	
Glaucous Gull	25	
~~Arctic Tern~~	4	
Snowy Owl	2	
Lapland Longspur	20	
Snow Bunting	8	

Remsen, J.V. 1972

Lemmings: 5 at site 1

Predators: nothing new from me. Terry Hall found another Pomarine Jaeger nest with 2 eggs, and saw ~ 15 Snowy Owls in one scan from Village Ridge

Longspurs: Feeding records from 1340-1740. Checked nests 6, 8.

Shorebirds: Flock of 8 Pectorals seen. Pectoral ♂ chased Semipalmated.

3 Buff-breasteds at site 1, 1 e. of Calle-eater. At site 1, there may have been a pair — one bird was smaller than the other and the larger bird was following it closely. They flew off together. Only one "H" display (arching wings forward) was observed.

~~Male~~ pair Red Phalaropes attempting copulation while swimming on Voth Creek

25 June

NARL, Barrow, Alaska

Locations: Sites 1,2,7, Village Ridge Drum area ↓

Times: 0845 - 1330, 2000 - 2330 1530 - 1615

Wind: AM: 0 - 15 mph 20 - 30 mph

Temp: 35 - 45

Sky: p.c to clear

Species:			
	Arctic Loon	1	→ 5
	loon (sp)	1	
	Pintail	25	
	Oldsquaw	2	
	Steller's Eider	10	
	Snow Goose	10	
?	Ross' Goose	1	(S.A.)

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American Golden Plover	4	
Ruddy Turnstone	6	
Long-billed Dowitcher	7	
Knot	27	
Dunlin	20	
Pectoral Sandpiper	175	
Baird's Sandpiper	10	
Semipalmated Sandpiper	20	
Buff-breasted Sandpiper	2	
Curlew Sandpiper	4	(S.A.)
Red Phalarope	125	(Found nest/4 eggs)
Pomarine Jaeger	12	(Found nest/2 eggs)
Parasitic Jaeger	4	
Glaucous Gull	100	
Sabine's Gull	1	
Arctic Tern	8	
Snowy Owl	4	
Hoary Redpoll	3	
Lapland Longspur	25	(Found nest 4yg, 1 egg)
Snow Bunting	10	

Lemmings: 4 Browns, 1 Collared at Site 1 (↗ eating Salix pulchra)

Predators: The nest which Dr. Pitelka and I found being cupped earlier in Voth Slough on 18 June had 2 eggs.

4 Parasitics (2 dark, 2 light) on Village Ridge

4 Snowy Owls on Village Ridge, IBP site 1

Longspurs: found nest with 4 young, 1 egg on Site 7.

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Time-activity recordings from 1030 - 1315. Followed SY-RB ♂ for 2 hours. 2 females seen bathing in Voth Creek while 2 males looked on.* Chansed nest IBP-2 to 8 sec intervals at 0900.

Shorebirds: 3 Long-billed Dowitchers observed to fly over (one at a time) Site 1; another observed in Voth Slough. Looked at three 4-egg Bairds Sandpiper nests in Drum area.

Migration: Flocks of 20 and 7 Knots seen. Also large flocks of Pectoral Sandpipers, with 100 in one area of Voth Slough alone. First flocks of Red Phalaropes also seen: 20, 30 in Voth Slough, 10 Snow Gees → W with Ross' Goose. ~~8~~ Arctic Terns and 1 Sabinels Gull observed along coast; 1 Arctic Tern on Villase Ridge → S

* A male longspur tried to displace a Semipalmated Sp. from a stalle but the Sp. gave him a flash of the underwing and he retreated.

26 June

NARL, Barrow, Alaska

Locations: Gasline Ridge, IBP site 1, Britton area

Times: 1345 - 1730, 2245 - ~~0~~ 0200

Wind: 0 - 25 mph

Temp: 40

Sky: clear

Species:		
	loon (sp)	1
	Pintail	1
	Oldsquaw	4
	Steller's Eider	4
	American Golden Plover	4

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Ruddy Turnstone	2
Dunlin	10
Pectoral Sandpiper	30
Buff-breasted Sandpiper	1
Baird's Sandpiper	6 (found nest w/ 3 eggs)
Semipalmated Sandpiper	20
Red Phalarope	30
Pomarine Jaeger	10
Glaucous Gull	550 - counted near dump
Arctic Tern	2 → E
Snowy Owl	2
Lapland Longspur	30
Snow Bunting	12

Lemmings: 3 at site 1

Predators: nothing new

Shorebirds: 1 Buff-breasted giving "H-display", wing-flashes on site 1.

Migration: 2 Arctic Terns → E along coast.

Longspurs: checked nests: 1500-1730, 2330-0100
IBP censuses: 1330-1500

27 June NARL, Barrow, Alaska

Locations: IBP site 1

Times: ~~1331~~ 1400 - 1730, 1930 - 2100

Wind: 0-10 mph

Temp: 50

Sky: clear

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Species:

Pintail	1
Oldsquaw	2
Am. Golden Plover	1
Ruddy Turnstone	1
Dunlin	10
Pectoral Sandpiper	20
Buff-breasted Sandpiper	4
Baird's Sandpiper	4
Semipalmated Sandpiper	12
Red Phalarope	20 (1 non-breed plumage)
Northern Phalarope	1 ♀
Pomarine Jaeger	8
Glaucous Gull	100
Arctic Tern	13 → E
Snowy Owl	1
Lapland Longspur	20
Snow Bunting	6 (Bldg. 350 nest has young – female bringing food)

Longspurs: Feeding records 1400 - 1730.

Lemmings: 4 site 1

Predators: nothing new

Shorebirds: 4 Buffies e. of Cakeeater wing-flashing, H-displaying and helicoptering.

Migration: 13 Arctic Terns moving E along coast.

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28 June NARL, Barrow, Alaska

Locations: IBP site 1, Village Ridge, Voth Slough

Times: 0715-1200, 1350-1740, ~~1640~~ 1845-2230

Wind: 0-10

Temp: 35-50

Sky: clear till 1630, fog afterwards

Species:

Arctic Loon	1
Pintail	12
Oldsquaw	2
Stellers Eider	8
American Golden Plover	6
Ruddy Turnstone	5
Dunlin	20
Knot	8
Long-billed Dowitcher	1
Pectoral Sandpiper	80
Baird's Sandpiper	10
Semipalmated Sandpiper	25
Buff-breasted Sandpiper	3
Red Phalarope	50
Northern Phalarope	1 ♀
Pomarine Jaeger	15
Parasitic Jaeger	1 dark
Glaucous Gull	20
Arctic Tern	2 → E
Snowy Owl	3
Lapland Longspur	50
Snow Bunting	10

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Lemmings: 2 site 1 (getting scarcer)

Predators: nothing new

Longspurs: huge catch of unbanded males at site 1. 37 longspurs captured, of which ~ 21 were unbanded. One unbanded bird weighed 36.4 g. Ran trap lines plus checked nests 0930-1200, 1330-1730, 1830-2230. Looked for Curlew Sandpiper nests with FAP 0715-0930.

Shorebirds: F.A.P. and myself collected the mystery plover, named "Tee-Lew-eee" for his clear whistle which is unlike the Am. Golden. More white on sides and on wings may mean Pluvialis apercaria, but final determination not certain. 2 Buffies seen NW of site 1 and 1 on road at site 1 - no displays noted by me (but FAP did note some).

Knots in a flock SW of Village Ridge. Long-billed Dowitcher in Voth Slough. Non-breeding plumaged Red Phalarope at site 1

Migration: 2 Arctic Terns → E along coast, 1 Arctic Loon → N.

29 June NARL, Barrow, Alaska

Locations: IBP site 1 ~~Knoll's Ridge~~

Times: 1440-1740, 1930-2045

Wind: 10-25 mph

Sky: foggy - overcast

Temp: 35°

Species:

Pintail	1
Ruddy Turnstone	2
Dunlin	4
Pectoral Sandpiper	15

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Bairdls Sandpiper	15
Semipalmated Sandpiper	10
Buff-breasted Sandpiper	5
Red Phalarope	20
Pomarine Jaeger	6
Parasitic Jaeger	1 dark
Glaucous Gull	10
Arctic Tern	2
Snowy Owl	1
Lapland Longspur	25
Snow Bunting	6 (found nest in road bank at side) - feeding young in nest.
Hoary Redpoll	2

Lemmings: 5 site /

Predators: nothing new

Longspurs: Male Snow Buntins viciously chased ♂ Lonsspur 5 times. Time-activity 1440 - 1740 ~~eta~~, 1915 - 2045.

Shorebirds: Pectoral booming activity has noticeably declined this week. Buff-breasteds extremely actively displaying w 2000 - 4 birds "H" displaying and frequently chasing each other just south of Calle-eater. During one "H"-display, the bird receiving the attention walked around behind the displaying bird and attempted copulation. At least two more birds seen west of there on the banks of Voth Creek

Migration: 2 Arctic Terns → E along coast

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30 June — NARL, Barrow, Alaska

Locations: IBP site + walk to Britton ponds

Times: 0825 - 1210, 1340 - 1525

Wind: 10-20 mph

Temp: 35-40

Sky: clear!

Species:

Pintail	1
Am. Golden Plover	3
Ruddy Turnstone	1
Dunlin	15
Pectoral Sandpiper	30
Baird's Sandpiper	4
Semipalmated Sandpiper	25
Buff-breasted Sandpiper	5
Red Phalarope	70
Northern Phalarope	1 ♀
Pomarine Jaeger	10
Parasitic Jaeger	3 (2 dark)
Glaucous Gull	180 (~ 80% immature)
Arctic Tern	4
Snowy Owl	1
Lapland Longspur	35
Snow Bunting	10 (found nest in road bank at site 1 + female bringing food)

Lemmings: 3 site 1

Predators: nothing new

Longspurs: checked nests and recorded feeding sites 0820 - 1200

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1340-1430. Changed Drum camera films 1630.

Shorebirds: Not one pectoral hoot heard all day, (nor any Baird's displays); Semipalmateds and Dunlins still displaying. Flocks of 7, 15, 30 & Red Phalaropes near Traplines III A-B. 5 Buff-breasteds seen in the west edge of Site 1 along banks of both creek. Several chases and one H-display witnessed. All birds apparently males.

Migration: 4 Arctic Terns → E along coast. Not one bird of any kind seen at the Britton pond

1 July

NARL, Barrow, Alaska

Locations: IBP site 1

Times: 0825-1110, 1340-1440

Wind: 5-15 mph

Temp: 45-55

Sky: clear

Species:

American Golden Plover	4
Ruddy Turnstone	2
Dunlin	8
Long-billed Dowitcher	1
Pectoral Sandpiper	20
Baird's Sandpiper	4
Semipalmated Sandpiper	10
Buff-breasted Sandpiper	3
Red Phalarope	10
Pomarine Jaeger	6
Glaucous Gull	100

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Lapland Longspur	20
Snow Bunting	6

Location: Point Barrow – very tip

Time: 1515 – 1630

Conditions: same as above. Ice in shore with scattered open pools. Ponds on the Point itself were open

Species:

Arctic Loon	8
Red-throated Loon	4
Common Eider	4♂
King Eider	1♂
Oldsquaw	200
Ruddy Turnstone	2
Pectoral Sandpiper	2
Baird's Sandpiper	2
Sanderling	1
Long-tailed Jaeger	1 –chasing terns
Glaucous Gull	20
Sabine's Gull	2
Arctic Tern	40
Black Guillemot	1
Snow Bunting	10

Lemmings: 4 site 1

Predators: Pair at site 1 pulling apart a lemming together.

Longspurs: Opened traps 0830–0900, closed 1330–1415 — no catch. ~~searched~~ Feeding records 1000–1200.

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Shorebirds: 3 Buff-breasteds at site 1. One Pectoral heard hooting. Looked at Am. Golden Plover and Ruddy Turnstone nests found by others — 4 eggs each.

Migration: 2 Sabinels Gulls → E. at Point Barrow. Unknown what the status of the Arctic Terns at Point Barrow really is — are they migrants? The same applies to the Oldsquaws — was it a non-breeding flock?

2 July

NARL, Barrow, Alaska

Location: IBP site 1

Times: 0845-1240, 1950-2100

Wind: 0-10 mph

Temp: 50°

Sky: clear

Species:

Pintail	19
Am. Golden Plover	1
Ruddy Turnstone	1
Dunlin	10
Pectoral Sandpiper	20
Baird's Sandpiper	4
Semipalmated Sandpiper	10
Buff-breasted Sandpiper	5
Red Phalarope	20
Pomarine Jaeger	6
Glaucous Gull	5
Lapland Longspur	20
Snow Bunting	10

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Hoary Redpoll 1- Drum Area

Lemmings: 5 site 1

Predators: Pair of Pomarines seen goins throush a lemming tuggins bout after which they bowed to each other at least 5 times each.

Longspurs: Checked nests and took activity records 0840-1240. Two of ~~10~~ 9 nests found predated (3/10 total now).

Shorebirds: 4 Buffies flying together on two occasions, one AM and one 2045. Bursts of H-displaying and wing-flashing at 2045 among the 4 birds. One vertical helicopter display seen with F.A.P. One possible female noted: seemed smaller but (unlike females) seemed to have more breast spotting. Pectorals still hooting.

Migration: zilch

~~5~~ assistant found a 25 Red Phalarope

3 July

NARL, Barrow, Alaska

Location: Drum area + area S. of NARL main lab

Times: 0830-0915, 1115-1200, 1600-1645, 1845-1930

Wind: 0-10 mph

Temp: 40-50

Sky: p.c. to clear

Species:			
	Semipalmated Plover	1	N/3e Main Lab
	Baird's Sandpiper	6	
	Glaucous Gull	5-over	
	Snowy Owl	1♂	
	Hoary Redpoll	2	

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Lapland Longspur	6
Snow Bunting	15

Lemmings: none

Predators: nothins new

Longspurs: Ran Drum traps 0830 - 1900. Chansed nest camera films.

Shorebirds: Terry Hall showed me a 3 egg Semipalmated Plover nest about 50 m SW of the P-200 wing in an amazingly exposed and distulbed gravel area. The nest was on the ridge of an old tire rut. No vegetation near nest. Apparently only one bird around.

Migration: nothins

4 July

NARL, Barrow, Alaska Terri Hall, Tom Lewe

Location: IBP site 1, Gasline Ridge, walk from Site 1 to FAA station

Times: 1340 - 1745

Wind: 0-10 mph

Temp: 40

Sky: overcast

Species:		
	Arctic Loon	2 - S. Meadow Lake
	loon (sp)	1 → S
	Stellerls Eider	5 (1♂)
	Oldsquaw	100 - sitting on water along coast
	American Golden Plover	20
	Ruddy Turnstone	4
	Dunlin	15

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Pectoral Sandpiper	20	
Baird's Sandpiper	4	
Semipalmated Sandpiper	15	- found N/4e N/2ely
Buff-breasted Sandpiper	6	
Red Phalarope	350	- 300 in air at once around S Meadow Lake ~ found N/4e
Pomarine Jaeger	6	
Parasitic Jaeger	1	dark
Glaucous Gull	30	
Snowy Owl	1	
Lapland Longspur	25	
Snow Bunting	6	

Lemmings: none

Predators: nothing new

Shorebirds: 5-6 Buffies together on south banks of Voth Creek at site 1 - one wing-flash and several chases were all the activity noted. They were all within a small area - maybe 100 x 100 ft — for several minutes before 2-bird chases broke things up.

Migration: 1 loon → S. 300 Red Phalaropes in air at once in ~ 5 big flocks over S. Meadow Lake. 20 Golden Plovers in 2 flocks grazing on gasline ridge. 100 Oldsquaws together on ocean water near "top-of-the-world" bridge; 70 → E in V-flock over Drum area at 2400

Longspurs: checked IBP nests 1530-1700. Weighed and banded Drum nests 2330-2430, plus changed film speeds.

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5 July

NARL, Barrow, Alaska

Location: IBP site 1

Times: 0910 - 1140

Wind: 0 - 5 mph ; heavy mosquitoes

Temp: 50°

Sky: p.c + sprinkle to clear

Species:		1 → 5
	American Golden Plover (loon-top)	5
	Dunlin	2
	Pectoral Sandpiper	5
	Baird's Sandpiper	4
	Semipalmated Sandpiper	8
	Buff-breasted Sandpiper	5
	Red Phalarope	2
	Pomarine Jaeger	4
	Glaucous Gull	2
	Snowy Owl	1 - Britton area
	Hoary Redpoll	2
	Lapland Longspur	20
	Snow Bunting	4
	Pintail	1 ♀
	Long-tailed Jaeger	1 - s. of Barrow village
	Steller's Eider	1 ♀ - N/6 eggs ~~#9~~. s. of Barrow village

Lemmings: 1 site 1

Predators: nothing new

Shorebirds: 5 Buffies on banks of Voth Creek at site 1 —

no displaying - just several two-bird chases observed. Pectoral

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still hooting

Migration : ~~nothing~~ loon (sp) 1 → S

Longspurs : changed Drum nest camera films 0830. Feeding records at IBP site 1 0900 - 1200. Collected longspurs S. of Barrow village with TWC 1430 - 1600. Changed Drum nest camera arrangement (both now on D2) and enclosed area around D_2 with screen 1645 - 1730.

Collected an egg-laying ♀, possibly on her second brood according to FAP. Also collected a ~~bird~~ ♂ we'd banded at Site 1 on 6-3-72

6 July

NARL, Barrow, Alaska ↗ with Terry Hall, Larry Goldstein

Locations: IBP 1, 2, Village Ridge, Gasline Ridge

Times: 0825 - 1045, 1440 - 1645

Wind: 0 - 2 mph

Temp: 55 - 65 ; very heavy mosquitoes

Sky: clear

Species:

Steller's Eider	2♀	- found N/6 eggs Voth Slough
American Golden Plover	2	
Ruddy Turnstone	1	
Long-billed Dowitcher	2	- Voth Slough
Dunlin	15	
Pectoral Sandpiper	15	- found N/4 eggs between Sta 2, 4
Baird's Sandpiper	2	
Semipalmated Sandpiper	15	- found N/4 eggs N. of Bird Transect
Buff-breasted Sandpiper	4	
Red Phalarope	30	- found N/4 eggs → Voth Slough

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Pomarine Jaeger	6
Parasitic Jaeger	2 - dark
Glaucous Gull	15
Snowy Owl	2
Hoary Redpoll	1
Lapland Longspur	30
Snow Buntings	8
Curlew Sandpiper	1 ♀ (SA)

+ first open water at NARL

Arctic Loon	6	
? Common Eider	4	- most likely - almost all white
eider (sp) ♀	2 ♀	
Oldsquaw	4000	(counted by 100s)
Thick-billed Murre	2	

behind NARL: Semipalmated Plover 1 - nest had only 1 egg

Lemmings: 2 Site 2, 0 Site 1

Jaegers: One pair found earlier in Voth Slough (first nest I found) must have failed - no sign of the pair anywhere.

Longspurs: Checked IBP Nests 1000-1045. Did IBP census 1015-1045. Changed D_2 film 2245; fenced D_3 and weighed remaining young till 2330.

Shorebirds: Placed nest camera on Curlew N, at 0915. Pectoral still hooting. 4 Buff-breasteds on banks of Voth Creek at Site 1 - chasing but no displaying.

Migration: None, except possibly all birds seen in ice lead.

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7 July — NARL, Barrow, Alaska

Location: IBP site 1

Times: 0825-1010, 2045-2300

Wind: 0-5 mph

Temp: 50-60

Sky: clear — heavy mosquitoes

Species:

loon (sp)	1 → S	
Pintail	18 -	nest at site 1 still has 7 eggs
American Golden Plover	2	
Ruddy Turnstone	1	
Dunlin	10	
Baird's Sandpiper	18	No Pectorals seen No Buff-breasteds seen
Semipalmated Sandpiper	15	
Red Phalarope	2	
Pomarine Jaeger	2	
Parasitic Jaeger	2 - 1 dark (~~pair~~ flying together)	
Glaucous Gull	2	
Hoary Redpoll	4	
Lapland Longspur	~~25~~ -	
Snow Bunting	8	

+ open lead at NARL

Oldsquaw	300
Arctic Loon	5

Lemmings: 4 site 1

Predators: Pomarine Jaegers have really declined last few days — at least two pairs have left and their may only be one

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out of the orisinal 4 pairs remainins in IBP areas .— that nestins on Site 4.

Shorebirds: The Buffies have apparently left, as have most of the Pectorals. Captured three Semipalmated chicks at site 1.

Migration: Flocks of 12 and 4 Baird's seen at site 1, as well as 4 Semipalmateds together. One Loon(sp) → S

Longspurs: Time-activity from 0815-1000, 2200-2300. Feeding records 2045-2200. Flushed at least 4 flyins fledslings at Site 1, Males still singins

8 July NARL, Barrow, Alaska

Locations: IBP site 1, Gasline Ridge, Villase Ridge

Times: 0825-1215, 1340-1745, 1845-1930, 2200-2345

Wind: AM: 0 mph PM: 5-15 mph

Temp: AM: 60° heavy mosquitoes PM: 40-45°

Sky: AM: clear PM: P.C to foggy

Species:

Pintail	1 ♀
American Golden Plover	4
Black-bellied Plover	1
Ruddy Turnstone	2
Dunlin	10
Pectoral Sandpiper	5
Baird's Sandpiper	6
Semipalmated Sandpiper	20
Red Phalarope	10
Pomarine Jaeger	6

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Glaucous Gull	5
Snowy Owl	5
Lapland Longspur	50
Snow Buntings	10
Curlew Sandpiper	1♀(SA)

Lemmings: 4 site 1

Predators: nothing new

Shorebirds: Pectorals and Red Phalaropes way down in numbers. Dave Norton's assistant reported successful hatching of a one egg phalarope nest. Buff-breasteds have definitely left.

Migration: 1 Black-bellied Plover flying south, giving same "tyoooeee" call given on wintering grounds; black axillaries (extending far out on wing) and white vent also seen.

Longspurs: Opened IBP traps 0830; checked at 1100, 1430, 1600, 1830, and by TWC at 2205. Large numbers of unbanded birds caught, included a number of females.

9 July

NARL, Barrow, Alaska — Dr. F.A. Pitelka

Locations: Village Ridge, Voth Slough, Gasline Ridge

Times: 1000-1345, 1500-1730

Temp: 40-45°

Wind: 5-15 mph

Sky: overcast, foggy to p.c.

Species:		
loon (sp)	1 → 5	
Steller's Eider	1♀	
American Golden Plover	6 - found N/4e	on Village Ridge, staked, W. of N-3 outlet
Ruddy Turnstone	4	

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Dunlin	15
Curlew Sandpiper	7♀, 12juv (S.A.!)
Pectoral Sandpiper	12
Baird's Sandpiper	15
Semipalmated Sandpiper	25
Red Phalarope	30 - found N/1 [20 feet w. of trapline IV A
Pomarine Jaeger	10
Parasitic Jaeger	2 (1 dark)
Long-tailed Jaeger	32
Glaucous Gull	20
Snowy Owl	3
Lapland Longspur	35
Snow Bunting	10
+ ocean: Oldsquaw	200 → W

Lemmings: 1 Village Ridge

Predators: Same pair of parasitics noted near site 1 by F.A.P. and myself for last 3 days.

Flock of 32 Long-tailed Jaegers circling around together with some screaming and chirping at N. end of Village Ridge.

Longspurs: Several flying fledglings noted along Village Ridge.

Shorebirds: Dunlin nest found on 6-18 on village ridge contained no eggs. Only one male Pectoral seen. Groups of 6 and 3 1st-year birds seen; one incubating ♀ collected. Golden Plover nest in Voth Slough contained only one egg.

Migration: 1 loon (sp) → S; 200 Oldsquaws → W along coast

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10 July

NARL, Barrow, Alaska

Locations: Village Ridge, Voth Slough, IBP site 1, Gasline Ridge (Fred Cole)

Times: 1015 - 1210, 1340 - 1740, 1910 - 2010

Wind: 0 - 15 mph

Temp: 40 - 50°

Sky: clear AM, p-c to foggy PM

Species:	
loon (sp)	1 → S
Pintail	1 ♀
American Golden Plover	3
Ruddy Turnstone	2
Dunlin	5
Curlew Sandpiper	6 ♀, 4 juv. (S.A).
Pectoral Sandpiper	2
Baird's Sandpiper	2
Sempalmated Sandpiper	15
Red Phalarope	20 - found N/He (W. of trapline IV-A)
Pomarine Jaeger	6
Parasitic Jaeger	3 light → W
Long-tailed Jaeger	6 → W
Glaucous Gull	2
Snowy Owl	4
Hoary Redpoll	2
Lapland Longspur	30
Snow Bunting	10

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Location: ocean from NARL

Time: 0915 - 0945

Wind: 10 mph W

Ocean: ice edge 3/4 mile out, scattered ice floes

Species:

Arctic Loon	7	(2 sitting, 5 → E)
Red-throated Loon	2	sitting
Oldsquaw	100	(8 sitting, 20 → W, rest → E)
Common Eider	18	- sitting (14 ♂)
Pomarine Jaeger	2	→ E
Glaucous Gull	3	imm (2 → W, 1 → E)
Sabine's Gull	4	→ E
Black-legged Kittiwake	30	(20, 10, → E)
Thick-billed Murre	1	→ E
Black Guillemot	3	→ E

Lemmings: 5 site 1

Predators: nothing new

Shorebirds: Semipalmateds only species still displaying

Longspurs: Time-activity 1330 - 1630; IBP census 1630 - 1730. Unbanded male feeding fledglings on site 1 - he must have come from a distance, since all territorial males near site 1 were believed to be banded

Migration: 1 loon → S; 3 Parasitics, 6 Long-tailed → W; see ocean list above.

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NARL, Barrow, Alaska

David Norton
Tom Custer

Terry Hall
Fred Colp

11 July

Locations: IBP site 1,,4, Village Ridge, Gasline Ridge, Voth Slough

Times: 0810-1130, 1340-1740.

Wind: 5-15 mph E.

Temp: 40-45

Sky: clear

Species:

Pintail	1 ♀	
Oldsquaw	1 ♀	
Steller's Eider	1 ♀	
Am. Golden Plover	6 - found	S. Village Ridge N/4e
Ruddy Turnstone	8	
Dunlin	15	
Curlew Sandpiper	3♀, 2juv	(S.A)
Pectoral Sandpiper	15 (2♂)	
Baird's Sandpiper	4	
Semipalmated Sandpiper	10	
Red Phalarope	30	
Pomarine Jaeger	8	
Parasitic Jaeger	1-dark	
Long-tailed Jaeger	30	
Glaucous Gull	2	
Snowy Owl	4	
Phylloscopus (sp)	1	(S.A)
Hoary Redpoll	2	
Lapland Longspur	20	
Snow Bunting	10	

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Lemmings: 1 site 1

Predators: D. Norton, TWC and myself color-marked the male of a pair of Jaegers on Site 4 for easy identification in nest cameras. While we were there, the pair drove off one dark Parasitic and one Long-tailed Jaeger.

One group of 25 Long-taileds seen far south of Village Ridge. Other small groups also seen, going W.

Shorebirds: Ruddy Turnstone seen chasing Parasitic Jaeger.

Longspurs: One weak flight song heard at 0815. ♂ SY-BG feeding fledgling on N. edge of site 1. Time-activity 0800-1000.

Migration: 1 Phylloscopus at Cape-eater at site 1. Collected by Scott Kronberg and prepared by F.A.P for MVZ. (S.A.)

1 large dark falcon seen at Pt. Barrow by Don Schell.

12 July NARL, Barrow, Alaska

Location: IBP site 1, n. Village Ridge

Times: 0910-1210, 1925-2100

Wind: 5-15 mph E.

Temp: 45-50

Sky: clear, p.c.

Species:

Red-throated Loon	1 → N
Arctic Loon	1 → S
Oldsquaw	4
American Golden Plover	2
Ruddy Turnstone	1
Dunlin	2
Baird's Sandpiper	1

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Pectoral Sandpiper	5
Semipalmated Sandpiper	10
Red Phalarope	8
Pomarine Jaeger	8
Long-tailed Jaeger	24
Glaucous Gull	3
Snowy Owl	2
Hoary Redpoll	2
Lapland Longspur	15
Snow Bunting	6

Lemmings: 2 Site 1

Predators: Nest on Village Ridge definitely deserted. 4 Pomarines moving north together. Long-taileds moving in all directions (8, 3, 12, 1). ♂ Snowy Owl in high polygons of Site 1 for three days in a row.

Longspurs: Vegetation transects on Site 1 0900 - 1200. Feeding records 1915 - 2100.

Shorebirds: Caught two banded Semipalmated Sandpipers on NE corner Site 1, 5.0 and 4.9 g (data to Saffrey). Dunlin still displaying.

Migration: Red-throated Loon → N, Arctic Loon → S, 4 Pomarine Jaegers → E.

Location: Point Barrow — Larry Goldstein, Jeff Myll, Tom Leuwe, with Fred Cole, Scott Kronberg.

Time: 1430 - 1445

Water: Open for 3/4 mile from shore.

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Wind: 15 mph E.

Species:

Arctic Loon	2 → E
eider (sp)	150 (100 ~~→ E~~, on ice floe, 50 → E)
Oldsquaw	40 → E
Pomarine Jaeger	1 dark → W
Long-tailed Jaeger	1 → E
Glaucous Gull	4
Thick-billed Murre	8 (4 → W, 4 → E)
Snow Bunting	2 ad. 3 juv.
Black Guillemot	1 - flew out from under a barrel — undoubtedly nesting.

13 July

NARL, Barrow, Alaska

Locations: IBP Site 1, Footprint Lake thru Voth Slough

Times: 0825-1210, 1340-1740, 2100-2300

Wind: 10-20 E

Temp: 45

Sky: clear

Species:

Arctic Loon	- 2 - overhead
Pintail	1♀ + 7 juv - just hatched from Cakeeater nest
American Golden Plover	70
Ruddy Turnstone	10
Dunlin	10 - still displaying
Curlew Sandpiper	2♀, 1 juv. (S.A.)
Knot	1 - polygons near Footprint Lake
Baird's Sandpiper	6
Pectoral Sandpiper	60
Semipalmated Sandpiper	10

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Buff-breasted Sandpiper	1	high polygons near Footprint Lake
Red Phalarope	30	- caught and banded 4 chicks
Pomarine Jaeger	10	
Parasitic Jaeger	10	
Long-tailed Jaeger	300	
Glaucous Gull	8	
Snowy Owl	4	
Lapland Longspur	40	
Snow Bunting	15	

Lemmings: 4 Site 1

Predators: One incredible flock of 250 Long-tailed Jaegers SW of Footprint Lake; another flock of 45 on Village Ridge, which had 10 Parasitics among them.

Longspurs: Opened IBP traps 0830 and closed them at 2100. 27 captures, including 1 juvenal.

Shorebirds: New wave of Pectorals and Golden Plovers; Jeff Myll also recorded very similar #s of both on IBP Bird Transect - perhaps same groups of birds, especially since he also saw a Buff-breasted. 2 Dunlins heard still displaying. Caught and banded 4 Red Phalarope young at Footprint Lake: 7.0, 5.9, 5.5, 5.5 g. Red Phalarope nest found on 9 July near Trapline IV-A was empty; that one also found near there on 10 July still had 4 eggs.

Migration: 2 Arctic Loons overhead. Flocks of 250, 45 Long-tailed Jaegers. 1 Buff-breasted Sandpiper, 70 Golden Plovers, 60 Pectoral Sandpipers in wandering group.

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14 July — NARL, Barrow, Alaska

Location: Drum Area, Beach Ridge

Times: 1400 - 1700 with TW Custer

Wind: 10-15 N

Temp: 45

Sky: overcast, foggy

Species:

American Golden Plover	1
Baird's Sandpiper	6
Semipalmated Sandpiper	1
Pomarine Jaeger	1
Glaucous Gull	5
Snowy Owl	4
Lapland Longspur	18
Snow Bunting	15

Longspurs: Collected 15 birds with TWC 1400 - 1700.

Shorebirds: incredibly scarce

Migration: Zero

15 July — NARL, Barrow, Alaska

Location: Voth Slough, Village Ridge, IBP Site 1

Times: 0825 - 1200 1440 - 1745

Wind: 0-5 mph SE

Temp: 60°, heavy mosquitoes

Sky: clear

Species:

Pintail	1 ♀
Steller's Eider	1 ♀
American Golden Plover	4 (Footprint Lake Nest still w/ 4e)

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Ruddy Turnstone	6
Dunlin	4
Curlew Sandpiper	~~4~~ 9, 5 juv (S.A.)
Pectoral Sandpiper	25
Semipalmated Sandpiper	2
Red Phalarope	20
Pomarine Jaeger	6
Parasitic Jaeger	1 - light
Long-tailed Jaeger	130
Glaucous Gull	2
Snowy Owl	3
Hoary Redpoll	1
Lapland Longspur	20
Snow Bunting	8 - (found N/5 juv, 1 egg IBP Site 1 banded and weighed nestlings 31.4, 30.3, 32.7, 32.8, 36.0 g)

Location: Ocean from NARL with Fred Cole

Times: 1330-1400

Wind: 0-5 E

Wate: Clear to one mile out with scattered ice floes.

Species:

Arctic Loon	7 → E,	1 sitting
Red-throated Loon	1	sitting
Oldsquaw	40	½ → E, ½ → W
jaeger (sp)	2	→ W
Glaucous Gull	10	
Black-legged Kittiwake	6	→ E
Arctic Tern	1	→ E
Thick-billed Murre	2	→ E

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Black Guillemot 2 → E

Lemmings: 0 site 1

Predators: Nest at site 4 : 2e beginning to hatch. One ♀ Pomarine working Voth Slough apparently for shorebird chicks. Flock of 125 Long-tailed Jaegers near Barrow airport.

Longspurs: SY-RB ♂ feeding fledglings between site 7 and 4 on E. side Voth Slough. Time-activity 1430 - 1730.

Shorebirds: Semipalmateds way down.

Migration: see ocean watch

16 July

NARL, Barrow, Alaska

Locations: walk from Site 1 to Ikroquik Lake and back with Fred Cole, Roy Peterson

Time: 1300 - 1700

Wind: 5-10 W

Temp: 55-60

Sky: clear

Species:

Arctic Loon	1	over
Black Brant	2	Lake Ik.
Steller's Eider	1 ♀	
Oldsquaw	8	
Peregrine Falcon	1 ♂	being chased by Pomarine Jaeger near Lake I. Distinct dark moustache mark thru eye into cheek; fine horizontal barring on chest, ~~slate~~ slaty-blue wings, tail.
American Golden Plover	4	
Ruddy Turnstone	2	
Dunlin	6	- still displaying

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Curlew Sandpiper	1 ♀ (S.A.)
Pectoral Sandpiper	20
Baird's Sandpiper	6
Red Phalarope	20
Pomarine Jaeger	10 - 1 dark
Parasitic Jaeger	1 - dark
Long-tailed Jaeger	10
Arctic Tern	1 - Lake IK.
Glaucous Gull	4
Snowy Owl	2
Lapland Longspur	20

Snow Bunting 4 Caribou 5

Lemmings: none

Predators: Pomarine Jaeger chased Peregrine Falcon near Lake Ikroavik, both flying directly overhead about 50 feet up.

Longspurs: Many juvenites with adults on ridges just to the west of Footprint Lake

Shorebirds: incredibly scarce

Migration: none

Location: Ocean from NARL

Time: 2000 - 2100

Wind: calm

Ocean: scattered floes for 1/2 mile, then solid pack

Species: Arctic Loon 2 sitting S → E

King Eider 100 → E [50 ♂♂ in one flock; 50 ♀♀ : " + 1 ♂]

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Oldsquaw	200	- goins every direction, but mainly W
Glaucous Gull	10	
Black-legged Kittiwake	40	→ E
Thick-billed Murre	8	→ W

17 July — NARL, Barrow, Alaska

Locations: Sites 1, 2, 4, Gasline Ridge

Times: 0825-1210, 1440-1740

Wind: 0-5 N

Temp: 50-60

Sky: p.c.

Species:		
Arctic Loon	1	over
American Golden Plover	40	
Ruddy Turnstone	8	
Dunlin	10	
Pectoral Sandpiper	40	
Baird's Sandpiper	2	
Semipalmated Sandpiper	4	
Curlew Sandpiper	2♀, 1juv.	(S.A.)
Red Phalarope	10	
Pomarine Jaeger	6	
Parasitic Jaeger	1	
Long-tailed Jaeger	10	
Glaucous Gull	2	
Snowy Owl	3	
Lapland Longspur	80	
Snow Bunting	25	

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Lemmings: 4 Site 1

Predators: Jaeger chicks at site 4 hatched yesterday

Longspurs: IBP site 1 census 0830 - 1000: an incredible 62 longspurs and 20 Snow Buntings. Gasline Ridge exploration 1030-1200. Bird Transect 1450-1545 (5 longspurs). Time-Activity 1615 - 1730.

Shorebirds: Dunlins and Semipalmateds still displaying. Captured banded Dunlin chick weighing 42.9g.

Migration: 1 Arctic Loon overhead. Flocks of 10 and 25 Golden Plovers.

18 July NARL, Barrow, Alaska

Location: site 1,2,7, Voth Slough, Village Ridge

Times: 0825-1210, 1540-1740, 2010-2300

Wind: 0-5 E

Temp: 50-55

Sky: overcast, light rain AM

Species:

Arctic Loon	1 - over
Red-throated Loon	2 - over
Stellers Eider	1♀
American Golden Plover	10 - Village Ridge Nest still with He (warm)
Ruddy Turnstone	4 - banded and weighed 2 chicks at III A,B - 19.8, 13.8g
Dunlin	20 - caught three banded chicks on Village Ridge: 76-134689 10.6g; 88 9.8; 90 8.9
Baird's Sandpiper	4
Semipalmated Sandpiper	6
Curlew Sandpiper	7 - 3♀, 4juv (S.A)
Red Phalarope	20♂

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Pomarine Jaeger	6	
Long-tailed Jaeger	160	
Glaucous Gull	2	
Snowy Owl	3	
Lapland Longspur	60 -	most caught in IBP-I traps
Snow Bunting	15 -	the nest in which the extra nestling was placed last night (N/Sy, le found on 7-15) was empty except for the egg. Apparently the extra bird fledged

Lemmings: 1 Site 1

Predators: 1 ♂ Pomarine seems to be concentrating his foragins over Uoth Slough, apparently for young shorebirds since there are very few lemmings. there. 150 Long-tailed Jaegers flushed from ground near Barrow airport by Wieny bird.

Longspurs: Ran IBP traps 0830 – 2100, checked at 1100, 1530, 2000. Independent juveniles were common. SY-RG showed up - the only formerly territorial male caught (his nest was predated).

Shorebirds: Caught 2 unbanded Ruddy Turnstone chicks near Traplines III-A, B.

722 - 49411 - 19.8g

412 - 13.8g

Caught 3 already banded Dunlin chicks on Village Ridge north of Site 7:

76 - 134689 - 10.6g

688 - 9.8g

690 - 8.9g

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First group of Dunlin seen: 6 in Voth Slough, But other Dunlin still seen displaying. Most shorebirds at present seemed to be clumped into nursery-aggregations of attending-young adults; it is unlikely that this clumping is due to a clumped food supply; more likely it aids in mutual defense, especially with a couple of Turnstones at the nucleus. One such nursery in Voth Slough contained 2 turnstones, 3 ♀ Curlew Sandpipers, 2 Baird's, 6 Dunlin, 3 Pectorals, 4 Semipalmateds, and 10 Red Phalaropes.

Migration: 1 Arctic and 2 Red-throated Loons overhead.

19 July

NARL, Barrow, Alaska

Location: Site 1, 2

Times: 1345 - 1745,

Wind: 0-5 mph S,

Temp: 50

Sky: overcast to P.C

Species:

American Golden Plover	6
Ruddy Turnstone	1
Dunlin	2
Pectoral Sandpiper	30
Baird's Sandpiper	4
Semipalmated Sandpiper	1
Curlew Sandpiper	1♀(sa)
Red Phalarope	2
Pomarine Jaeger	5
Long-tailed Jaeger	3

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Glaucous Gull	20
Snowy Owl	3
Lapland Longspur	20
Snow Bunting	16

Arctic Loon – L. Goldstein Found N/2e at S. Meadow Lake

Lemmings: 3 Site 1

Predators: ~~Band~~ Weighed the two jaeger chicks between Sites 2-4: 87.5 and 106.5g. at 1630. *

Longspurs: Time-activity: 1330 – 1600, 1700 - 1730.

Fledglings all seem to be completely independent by now – no adults noted feeding young today ~~[illegible]~~

Shorebirds: One flock 20 Pectorals.

Migration: 0

* Scott Hironberg reports a nest of Pomarines with 2 chicks 50m W and 200 m S of South Meadow Lake

20 July

NARL, Barrow, Alaska

Locations: Village Ridge, Voth slough, IBP Site 1

Times: 0915-1210, 1440-1650

Wind: 5-15 mph

Temp: 40-50°

Sky: overcast, foggy, some drizzle

Species:		
	Arctic Loon	1-over
	Oldsquaw	1 ♀
	Steller's Eider	1 ♀ S. Voth Slough N/4e -warm
	American Golden Plover	15 N. Voth Slough N/4e - warm
	Ruddy Turnstone	4

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Dunlin	10	-one display heard
Curlew Sandpiper	4	(s.a)
Pectoral Sandpiper	10	
Baird's Sandpiper	4	
Semipalmated Sandpiper	2	
Red Phalarope	20	♀♀♂
Pomarine Jaeger	8	
Parasitic Jaeger	1 dark	
Long-tailed Jaeger	5	
Glaucous Gull	20	-sitting on tundra
Snowy Owl	3	
Lapland Longspur	15	
Snow Bunting	10	- banded fledglings seen w. edge Site 1 (from the nest must be near there)

Lemmings: 5 Site 1

Predators: Pair of Pomarine Jaegers harassed and drove out a ♀ Snowy Owl for 1/4 mile away from the southern end of Voth Slough - Village Ridge; yet we are fairly sure there is no nest in that vicinity now - there was one at one time but it must have failed.

Longspurs: Feeding records 0915 - 1030, 1115 - 1200 - very unsuccessful (one record) - only one bird on the entire IBP plot. Feeding records again from 1440 - 1600, but again no birds and so did time-activity from 1500 - 1545. Myll found living injured longspur at site 2 under telephone wires - 79-84830

Shorebirds: One Dunlin still displaying. Both American Golden Plover nests still had 4 eggs and nocracks and

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were warm. Scott Kronberg showed me four Phalarope chicks recently hatched

Migration: 1 Arctic Loon overhead

21 July NARL Barrow, Alaska

Location: area s. of Barrow village to end of the road

Tom Custer
Larry Goldstein

Time: 1400 - 1645

Wind: 20 - 30 mph E.

Temp: 35 - 40

Sky: overcast

Species:		
	American Golden Plover	25
	Ruddy Turnstone	1
	Dunlin	1
	Pectoral Sandpiper	30
	Red Phalarope	8
	Pomarine Jaeger	2
	Long-tailed Jaeger	30
	Glaucous Gull	10
	Snowy Owl	6
	Lapland Longspur	17
	Snow Bunting	4

Lemmings: none

Predators: nothing new.

Longspurs: Collected 3♂, 2♀, 5 J. south of village 1400-1700. with TWC, LSG. Prepared stomach samples 1915 - 2015.

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Shorebirds: one Dunlin display heard

Migration: 300 eider (sp) → W past NARL. Flocks of 25 Am. Golden Plovers and 20 Pectorals S. of village.

22 July

NARL, Barrow, Alaska

Location: IBP site 1,2, Family Slough

Times: 0830 - 1200, 1440 - 1640, 2030 - 2315

Wind: 10 - 25 mph E

Temp: 40

Sky: clear

*

Species:		
	Stellers Eider	1♀, 6 juv.
	American Golden Plover	2
	Ruddy Turnstone	1
	Dunlin	2
	Pectoral Sandpiper	~~3~~ 7
	Bairds Sandpiper	2
	Semipalmated Sandpiper	1
	Red Phalarope	3
	Pomarine Jaeger	4
	Parasitic Jaeger	1 - dark
	Glaucous Gull	10
	Snowy Owl	4
	Lapland Longspur	75 - most in traps
	Snow Bunting	20
*	Arctic Loon	2 - over
	Red-throated Loon	1 - over

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Lemmings: 3 Site 1

Predators: nothing new

Shorebirds: Captured 2 Pectoral chicks in Family Slough S. of Bird Transect: TG - 134684 42.9.g

- 682 41.2g

Migration: 3 loons overhead

* Location: ocean off NARL with Fred Cole

Times: 1330 - 1350

Wind: 20 mph E

Water: scattered ice floes

Species:

loon (sp)	2	→ E
Oldsquaw	2	→ E
jaeger (sp)	1	→ W
Glaucous Gull	13	
Black-legged Kittiwake	10	→ W

* Longspurs: Opened IBP traps 0830; closed 2015. First real flock seen - 10 birds together along Voth Creek. Many juveniles banded as nestlings recaptured. The traps which caught the most birds were those which produced little during the nesting season and those which produce little now were productive during nesting season.

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23 July

NARL, Barrow, Alaska

Location: Sites 2 + 4

Time: 1950 - 2100

Wind: 20-25 E

Temp: 40

Sky: overcast

Species:

Arctic Loon	1 - over
Red-throated Loon	2 - over
Pintail	10 ♀ - Britton ponds
American Golden Plover	1
Ruddy Turnstone	3 (1 juv.)
Dunlin	5
Baird's Sandpiper	2
Semipalmated Sandpiper	1
Curlew Sandpiper	4 (3 fledglings) + (SA.)
Pomarine Jaeger	5 (1 juv.)
Parasitic Jaeger	1 - light
Glaucous Gull	10
Snowy Owl	2
Lapland Longspur	10
Snow Bunting	6

Oldsquaw - ♀ + 4 large ducklings on ocean near Top-of-the-World Bridge.

Lemmings: none

Predators: Caught one of the juveniles of the Site 4 nest - weight 145 g (unclipped). When a light parasitic jaeger appeared, both adults shifted their attention away from me to close escorting of the parasitic out of

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the territory. The same was true for a Glaucous Gull. Pomarines attack directly (strike) owls and gulls but other jaegers (all three species) are not struck but escorted out of a territory by flying underneath the intruder and giving a continuous nasal scold. Owls and ~~jaegers~~ gulls are pursued from directly behind, but other jaegers from underneath

Longspurs: took a holiday

Shorebirds: Captured juvenile Ruddy Turnstone at Site 2 weighing 69 g and banded it. There was a developing wing stripe and the rusty color was developing on the back.

Migration: 3 loons overhead. 10 ♀ Pintails ~~at~~ at Britton ponds. Fred Cole and Ron Brooks reported 4 Yellow-billed Loons at Point Barrow

24 July

NARL, Barrow, Alaska

Locations: Site 1, 2, Gasline Ridge

Times: 0825-1210, 1440-1540

Wind: 25-30 E

Temp: 35-40

Sky: clear

Species:		
	Arctic Loon	2 - S. Meadow Lake
	Pintail	25 ♀ - Britton Ponds
	Steller's Eider	1 ♀
	Am Golden Plover	14
	Dunlin	10 - one display heard
	Pectoral Sandpiper	4
	Bairds Sandpiper	2

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Red phalarope	1 ♂	
Pomarine Jaeger	6	
Glaucous Gull	10	
Snowy Owl	2	
Lapland Longspur	50	(50% juveniles)
Snow Bunting	25	

Lemmings: 6 Site 1

Predators: nothing new

Longspurs: Censused IBP and Bird Transect plots 0830–1100; feeding records 1100-1200, 1430-1530

Shorebirds: One Dunlin still displaying

Migration: nothing

25 July

UARL, Barrow, Alaska

Location: Site 1

Times: 1440-1640, 2310-2330

Wind: 20-30 mph NE

Temp: 40°

Sky: clear

Species:		
	Pintail	15 ♀ - Britton Ponds
	American Golden Plover	1
	Baird's Sandpiper	1
	Red Phalarope	4 - over
	Pomarine Jaeger	5
	Parasitic Jaeger	1- dark
	Glaucous Gull	100 - L. Salt Lake

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Snowy Owl	1
Lapland Longspur	10
Snow Bunting	2

Lemmings: 5 site 1

Predators: nothing new

Longspurs: Time-activity 1440-1640. Checked IBP Nest 10 at 2300, changed film, weighed young; camera found blown over.

Shorebirds: nothing

Migration: nothing

Location: ocean off NARL : 1915-2040; 25 mph E; clear; ocean open

Arctic Loon	1
loon (sp)	2 → E
Stellers Eider	6♀ → E
King Eider	5♀ → E
eider (sp)	10 → W
Oldsquaw	1 → E
Pomarine Jaeger	1♀ → E
Glaucous Gull	8 → E
Black-legged Kittiwake	8 → E

26 July

NARL, Barrow, Alaska

Location: Point Barrow, (duck camp to tide gauge

Time: 0015-0255

Wind: 25-35 NE

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Temp: 35°

Sky: clear to P.C.

Ocean: mostly open

Species:		
	Yellow-billed Loon	8
	Red-throated Loon	8
	Greater Scaup	1♂ (S.A.)
	Common Eider	4
	King Eider	60
	Steller's Eider	20♀
	Oldsquaw	1200
	Black-bellied Plover	6 – three still in breeding plumage
	Ruddy Turnstone	5
	Dunlin	2
	Glaucous Gull	30
	Sabine's Gull	1
	Black-legged Kittiwake	3
	Arctic ~~Loon~~ Tern	8
	Black Guillemot	3

Longspurs: Transcribed feeding records to IBM coding statements, 1400-1700, 2400-2440

27 July

NARL, Barrow, Alaska

Location: Voth Slough, Village Ridge, Site 1, 2

Times: 0840-1210, 1440-1740, 1845-2030

Wind: 0-10 mph E

Temp: 45

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Sky: overcast, foggy

Species:

Arctic Loon	2 - overhead	
Red-throated Loon	1 - 11	N. Village Ridge N - ~~2 to~~
American Golden Plover	15	(see below)
Ruddy Turnstone	1	
Dunlin	8	
Pectoral Sandpiper	4 ♀, 2 juv.	
Baird's Sandpiper	1	
Semipalmated Sandpiper	15	
Red Phalarope	5	
Pomarine Jaeger	4	
Long-tailed Jaeger	1	
Glaucous Gull	20	
Snowy Owl	2	
Lapland Longspur	45	
Snow Bunting	15	
Curlew Sandpiper	4 (1 ♀, 3 juv) - S.A.	

Lemmings: 3 site 1

Predators: Pomarines getting scarcer. Long-taileds have moved out.

Longspurs: Opened IBP traps 0830; checked at 1100, 1430, 1830. Changed IBP 10 Nest camera film and weighed and banded young at 1530.

Shorebirds:

N. Village Ridge Golden Plover nest: 1 dead young in nest; 2 chicks captured 50 m N. of nest - banded and weighed (33.0, 24.5g). They were attended

by only one adult.

5. Village Ridge Golden Plover Nest : 3 young in nest, banded and weighed : 18.7, 19.3, 19.6 g. Both adults present.

One juvenile Dunlin seen which could fly well (unbanded in Voth Slough). Two flying juvenile Pectorals were also seen (unbanded in Voth Slough). A group of 12 apparent juveniles (very buffy chested) seen at Voth Creek at Site 1, all unbanded; they were definitely Semipalmated, and not Baird's — I got very close. This is the first real group of Semipalmateds I've seen.

Migration: 3 loons overhead. 12 juvenile Semipalmateds in flock at Site 1.

Location: Point Barrow, Duck Camp to tide gauge.

Time: 2130 - 2345 [Larry Goldstein, Tom Leue, Ron Brooks, Jeff Mylls, Fred Cole, Scott Kronberg, Mike Melampy]

Wind: 10-15 E

Temp: 40

Sky: foggy, overcast

Species:		
Yellow-billed Loon	1	
loon (sp)	2	
King Eider	700	one flock alone of 400 → W
Steller's Eider	75	♀♀
Oldsquaw	100	
Black-bellied Plover	8	
Baird's Sandpiper	5	
Red Phalarope	300	- one flock

Journal

Glaucous Gull	25	
Sabine's Gull	3	
Black-legged Kittiwake	2	
Arctic Tern	3	
Black Guillemot	5 -	N/incubating under remains of barrel at tide gauge

28 July — NARL, Barrow, Alaska

Location: Sites 1,2,4, Voth Slough, Villase Ridge

Times: 0825 - 1100, 1340 - 1630 ← with TW Custe

Wind: 0-10 E

Temp: 45-50

Sky: overcast to P.C.

Species:

Red-throated Loon	1 - over	
Pintail	20♀ → W	
Common Eider	50 → N	
American Golden Plover	40	
Black-bellied Plover	1 -	heard overhedd — Tyoooeee ↗ same call note as in Calif
Dunlin	10	
Pectoral Sandpiper	7♀	
Semipalmated Sandpiper	5	
~~Baird's Sandp~~		
Red Phalarope	15 ♂♀	
Pomarine Jaeger	6	
Long-tailed Jaeger	3	
Glaucous Gull	30	
Snowy Owl	3	
Lapland Longspur	25	
Snow Bunting	15	

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Lemmings: 2 Site 1 (transmitters removed) (1000) clipped - 296 g

Predators: nothing new ; weished jaeger chicks at site 4 : unclipped - 290 g

Longspurs: Chansed IBP 10 film at 0915 and 1615 ; weighed young at 1615. Collected 15 birds alons Villase Ridse with TWC 1330 - 1600 ; only one banded bird shot despite relatively short distance (1 km) from Site 1. ; the bird was a color-banded SY-RG on 6-3-72 and never recaptured. Where do the 50 birds we catch at Site 1 on a trap day spend most of their day, since you don't see that many at Site 1 by censusing. The Villase Ridse birds also seemed behind in their molts — most males still had heavy black faces and one female had not begun moltins her primaries in one wins and onky 1B, 50, 90 in the other.

Prepared stomach sameples 1930 - 2100. Coded feeding records on IBM forms 2100 - 2330.

Shorebirds: Ruddy Turnstones seem to have left completely. 35 Golden Plovers in one flock. 1 Black-bellied Plover heard flyins over. Two fledglins Dunlins seen. Mike Fitzgerald found a freshly dead banded Semipalmated chick in north slough which looked not to be more than a week old at the most.

Migration (other than shorebirds): 1 Red-throated Loon overhead. 20 ♀ Pintails → W ; 50 common Eiders → N

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29 July — NARL, Barrow, Alaska

Location: Site 1 area

Times: 1010-1215, 1440-1640

Wind: 5-10 E

Temp: 45-50

Sky: AM: overcast + light rain PM: clear

Species:

American Golden Plover	2
Pectoral Sandpiper	1
Semipalmated Sandpiper	1
Red Phalarope	1
Pomarine Jaeger	4
Glaucous Gull	15
Snowy Owl	1
Lapland Longspur	20
Snow Bunting	12

Tom Custer
Fred Cole
Jeff Myll

Britton Pond: 1340-1355, 1645-1710

Red-throated Loon	1 - over
Ruddy Turnstone	1
Dunlin	1
Semipalmated Sandpiper	250 (95% juveniles — Only one banded)
Hudsonian Godwit	2 (S.A.)
Red Phalarope	20
Hoary Redpoll	1 - juvenile - heavily striped chest and no red cap or black chin

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Journal)

Fred Cole

Ocean off NARL : 1915-1940 ; clear; ocean open ; 10mph E

loon (sp)	1 → E
Common Eider	75 → W
King Eider	800 → W
eider (sp)	200 → W
Oldsquaw	1 → E
Ruddy Turnstone	1 → E (½ mi from shore)
Glaucous Gull	5 → E
Sabine's Gull	6 → E
Black-legged Kittiwake	20 → E
Long-tailed Jaeger	1 → W
Thick-billed Murre	2 (1 → E, 1 → W)

Lemmings : 4 at site 1 ; 2 captured and given to Fred Cole

Predators : nothing new

Longspurs : Feeding records 1000-1200, 1430-1630.
Coded feeding records on IBM forms 0830-1000, 2000-2100.

Shorebirds : Very large flock (250 - counted by 10's) at Britton Ponds of 99% juvenile (buffy-breasted) Semipalmated Sandpipers. Only one was seen to be banded despite a thorough search - it appeared (not seen clearly) to have a pink band on one leg and aluminium on the other — indicating this year's juvenile. One Ruddy Turnstone seen flying ½ mile from shore. 2 Hudsonian Godwits at Britton Pond (S.A.)

Migration : see ocean list.

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0 July

NARL, Barrow, Alaska

Location: ocean off NARL

Times: 1245 - 1345

Wind: 5 - 10 E

Species:

Arctic Loon	3 → E
Kings Elder	100 → W
Oldsquaw	2 → E
elder (sp)	30 → W (probably Spectacled)
Pomarine Jaeger	2 → E
Long-tailed Jaeger	1 → W
Glaucous Gull	20 → E
Black-legged Kittiwake	25 → E
Arctic Tern	2 → E
Thick-billed Murre	15 → E
auklet (sp)	4 (very probably Rhinoceros brownish - no dark color or striking contrasts)

Snow Bunting - Nest with loud-calling young in nest box in hut just north of the Dorm wing of the Main Lab

Longspurs: Coded IBM feeding record forms 1400 - 1530.

31 July

NARL, Barrow, Alaska

Location: Site1, Gasline Ridge, S. Meadow Lake

Times: 1315 - 1745, 1930 - 2115

Wind: 0-5 E

Temp: ~~55~~°

Sky: P.C.

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Journal

Species:

Arctic Loon	4 - pair w N/2e S. Meadow Lake (discovered previously by L. Goldstein) + 2 overhead
American Golden Plover	10
Baird's Sandpiper	1 - juv. fledged
Dunlin	2
Buff-breasted Sandpiper	1 - ~~feeding on bluffs along~~
Pectoral Sandpiper	15
Semipalmated Sandpiper	50
Red Phalarope	1
Pomarine Jaeger	6
Parasitic Jaeger	1 - light
Long-tailed Jaeger	1
Glaucous Gull	150 - most on Family Lagoon
Snowy Owl	2
Lapland Longspur	30
Snow Bunting	30 - flock at site 1

Britton Pond Census 1750 - 1815 P.C.; calm; 50°

Pintail	10 ♂♀
Ruddy Turnstone	4 (feeding)
Dunlin	1 (feeding)
Curlew Sandpiper	1 (feeding, fledsling)
Baird's Sandpiper	2 (feeding)
Western Sandpiper	1 (feeding)
Semipalmated Sandpiper	~~150~~ 133 (101 feeding, 32 resting, 90% juvs. — one color banded juv. - one orange band one color " adult - at least two color bands)
Red Phalarope	39 (23 feeding, 16 resting)
Snow Bunting	1 (juv. feeding)
	(1 dead ad. Hoary Redpoll)

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J.V.
1972

Journal

Lemmings: 10 site 1

Predators: nothing new

Shorebirds: Dunlin still giving partial aerial display (descending trills) at S. Meadow Lake. Semipalmated sandpipers everywhere on tundra in small flocks feeding on ponds. Buff-breasted Sandpiper feeding along bluffs at Vath Creek, Site 1.

Longspurs: Coded IBM feeding records 1115-1230.

Vegetation transect at site 1 1315-1530. Bird Transect census 1535-1640; Site 1 census 1645-1745. Britton Pond census 1750-1815.

1 August NARL, Barrow, Alaska

Location: Site 1 area

Time: 1540-1740

Wind: 10 mph E

Temp: 55

Sky: overcast

Species:

American Golden plover	3	
Dunlin	1	
Pectoral Sandpiper	1	
Semipalmated Sandpiper	1	
Pomarine Jaeger	3	
Glaucous Gull	100-	Family Lagoon
Lapland Longspur	20	
Snow Bunting	10	

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Journal

Britton Pond census: 1750-1805 ; 10 mph E. 50°, overcast

Ruddy Turnstone	1	(flew off)
Semipalmated Sandpiper	29	(21 feeding, 8 resting, 2 adults 27 juvs)
Baird's Sandpiper	1	(feeding)
Red Phalarope	2	(feeding)

Lemmings: 8 Site 1 - seem to be increasing

Predators: nothing new

Longspurs: Coded on IBM forms our first (6-19) vegetation transect at Site 1; 1300-1515. Time-activity 1530-1730. One bird observed eating seeds off grasses (Luzula):

Shorebirds: nothing. Semipalmateds greatly decreased since yesterday

Migration: zilch

Aug 2 Britton Pond - 4 Stilt Sandpipers

Photos

	.	♀	nest	youns	hand
Pintail				A	
Oldsquaw	B	B			
Stellers Eider	B		A		
Am Golden Plover	A	–	A		
Ruddy Turnstone	A	–		A	
Dunlin	B	–		A	
Curlew Sandpiper	A	A	A	A	
Buff-breasted Sandpiper	A	–			
Pectoral Sandpiper	A	A		A?	
Bairds Sandpiper	A	–	A	A	
Semipalmated Sandpiper	A	–	B		
White-rumped Sandpiper		–			
Knot					
Long-billed Dowitcher					
Red Phalarope	A	A	A B	A?	♀
Pomarine Jaeger	A	B	A	A	
Parasitic Jaeger					
Glaucous Gull					
Sabinels Gull					
Arctic Tern					
Snowy Owl					
Hoary Redpoll					
Lapland Longspur	A		A	A	♂
Snow Buntin	A			A	♀

Brown Lemming	B
Collard Lemming	A

marshes	✓
polygons	✓
lemming cutting	✓
lemming furrows	✓

Pitelka	
Custer	✓
Goldstein	

Pedicularis	✓
Ranunculus	✓

Breeding Japan, Manchuria, SE Siberia, Korea
Migrating to Australasia ~~Accommodation~~

or wintering in J., M, SE. Siberia +

Great Cormorant
Eurasian Kestrel
Red-footed Falcon
Japanese Sparrow Hawk (A. virgatus)
Pied Harrier (C. melanoleucus)
Marsh Harrier (C. aeruginosus)
Black Kite
Imperial Easle +
~~Barong~~ Greater Spotted Eagle
Common Buzzard
Crested Honey Buzzard (Pernis ptilorhynchus)
Hawk Buzzard (Butastur indicus)
Neddle-legged Owl (Ninox scutalata)
Small Cuckoo (C. poliocephalus)
Indian Cuckoo (C. micropterus)
Broad-winged Cuckoo (C. fugax
Japanese Nightjar (C. indicus)
Broad-billed Roller (Eurystomus orientalis)
Common Kingfisher (Alcedo atthis)
Collared Kingfisher (Halcyon pileata)
Hoopoe
Wryneck
Needle-tailed Swift (Hirundapus caudacutus)

Breeding

Far North eastern Siberia + Kamchatka

Mongolian Plover
Long-toed Stint
Temmincks Stint
Great Knot
Ruff
Spoon-billed Sandpiper
Spotted Redshank
Greenshank
Wood Sandpiper
Common Sandpiper
Terek Sandpiper
Black-tailed Godwit
Bar-tailed Godwit
Eurasian Snipe
Asiatic Snipe (C. stenura)
Slaty-backed Gull
Red-backed Shrike
Siberian Flycatcher (Muscicapa sibirica)
Spot-breasted Flycatcher (M. griseisticta)
Red-breasted Flycatcher) (M. parva)
Willow Warbler (Phylloscopus trochilus)
~~Grass~~ Chiffchaff (P. collybitus)
Yellow-broved Warbler (P. inornatus)
Dusky Warbler (P. fuscatus)
Middendorfs Grasshopper Warbler
Dusky Thrush
Pallid Thrush
Red-flanked Bluetail
Siberian Rubythroat
Mountain Accentor
House Martin
Carrion Crow
Siberian Jay
Eurasian Nutcracker
Greenfinch
Bullfinch
Scarlet Grosbeak
Brambling
Yellow-breasted Bunting
Rustic Bunting
Little Bunting
Palla's Reed Bunting
Reed Bunting
Japanese Bunting
Skylark
Gray Wagtail
Spotted Pipit
Pechora Pipit
Red-throated Pipit
European Nuthatch
Coal Tit
Long-tailed Tit

Rock Capercaillie
Whooper Swan
Bewicks Swan
Lesser White-fronted Goose
Bean Goose
Common Teal
Baikal Teal
Falcated Teal
European Widgeon
Garganey
Common Pochard
Tufted Duck
Smew
Hobby
Sparrow Hawk (Accipiter nisus)
White-tailed Sea Eagle
Stellers Sea Eagle
Common Cuckoo
Muted Cuckoo (C. saturatus)
Black Woodpecker
Great Spotted Woodpecker
White-backed Woodpecker
Lesser Spotted Woodpecker
White-rumped Swift

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Alaska

Species Accounts

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1972

Ross' Goose

25 June

IBP site 1, Barrow, Alaska

~ 1030 - Flock of 10 Snow Geese observed from about 500 yds away as they flew maybe 100 feet above the ground westward. The eleventh bird was very noticeably smaller in overall body size, wing length, and neck length. The wingbeat was also noticeably faster. They landed about ½ mile away over Villiage Ridge out of sight. Then a plane came over and scared them off to the northwest. Even at this distance and flying directly away from me, the smaller bird could be distinguished by its smaller body size, shorter wings, and faster beat. They flew out of sight. Had I been in California, I would not have hesitated to record this as a Ross' Goose, but Alaska has almost no records (the rarity of the bird I was aware of at the time of observation). I really believe the bird was a Ross' Goose, but there will always be that doubt, since no one else was there to confirm it.

Chen rossii

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J.V.
1972

Greater Scaup

26 July

Point Barrow, Alaska

0130 – ♂ was spotted between the tip of the point and the tide gauge swimming with a flock of Oldsquaws. It was definitely a scaup right away with its dark head, chest, and back; light eye; and light sides. In flight it showed a white wing stripe extending far into primaries, indicating Greater instead of Lesser. I was able to get within ~200 yds and through the 20× scope, the very rounded head profile could be seen – smooth – no point at all as with Lesser Scaup. The bird was also seen by Jeff Myll. We watched it for about three minutes.

28

Aythya marila

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Hudsonian Godwit

29 July

NARL, Barrow, Alaska.

Britton Pond: 1345: 2 birds in winter plumage were discovered: long, slightly upturned bill, lighter at base than tip; white wing stripe; white rump; black tail with very narrow white tip; legs blue-gray; overall color grayish;. Also seen at 1415 by Larry Goldstein and 1600 by Fred Cole, who took a dozen pictures.

Limosa
haemastica

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Rufous-necked Sandpiper

NARL, Point Barrow, Alaska

13 June — At 1300, I was photographing phalaropes at the pond at the junction of Gaswell x Village roads when I noticed a very small peep about 75 yards away with a very rusty neck and throat. My first thought was Rufous-necked but I was cautious after seeing a very rusty-breasted Sanderling the day before. But after getting a little closer, a Semipalmated came into the same field and was slightly larger. The Rufous-necked (2) really had bright rusty necks with little or no streaking. There also appeared to be some rustiness on the back and scapulars. The underparts were white, legs dark, bill short - shorter than Semipalmated. They were photographed from as close as 75 feet.

16 June — At 1330, I found one at the same place as above, and returned to camp immediately. Dr. Pitelka ordered its carcass to be delivered and L. Goldstein collected it; Pitelka confirmed identification

Calidris ruficollis

Calidris acuminata

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Sharp-tailed Sandpiper

FAA station area, NARL, Point Barrow, Alaska

11 June Tom Custer and I were looking for longspurs when I saw a pectoral-shaped sandpiper with a bright rusty cap which I new immediately had to be a Sharp-tailed. We watched it for about 10 minutes, noting the follow field marks.

crown: bright rusty red, almost like a chipping sparrow

face: indistinct white eye-line, faint white eye-ring on a brownish face.

bill: pinkish-yellow except for dark tip. Slightly drooping at tip

breast: deep rusty red scalings, heavily patterned. Not at all like the fine streaks of a Pectoral - much too red and no streaks

back: rich brown with two streaks in same place as a pectorals, but they were a creamy-buffy color

wings: brown

tail + rump: black rump bordered by white sides which seemed to extend farther up the back than a pectoral's.

legs: dull greenish yellow

voice: silent

Tom returned to camp and got Steve McLean, who ordered Custer to shoot it. Will be put up as a specimen for MVZ. Apparently first North Am. Spring record.

Calidris
ferruginea

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1972

Curlew Sandpiper

NARL, Barrow, Alaska

9 June — Pair found about 1000 yards s. of FAA station. ~~Mate~~ About size of Dunlin. Bill: strongly decurved. Male Throat and underparts a rosy brick reddish, white feathering near base of bill. Eye with white eye-ring. Back brownish, heavily vermiculated - nothing distinctive. Vent area, undertail coverts white. In flight, white rump, dark tail, single white wing stripe. Female same but much less reddish underneath. Seen also by G.A. Hall, D.W. Norton, S.F. MacLean, L. Goldstein, et. al.

17 June — Village Ridge, NARL, Barrow, Alaska

Mike Fitzgerald reported the presence of this species on Village Ridge yesterday, and gave me the directions to the spot. They were still there; one male and two females. Male was giving a loud, clear, slowly evenly and rising whistle which lasts about one second:

" tooooooooeeeeeeeeeee"

He also gave a chattering call, broken at regular intervals. Females silent. When flushed, they returned to same basic area - perhaps they will or are attempting to nest. All birds with strongly down-curved bill, white rumps, clear light wing stripe. Males underparts maroon-reddish-brown; white vent, eye-ring. Females more orangy - not so bright or so deeply red.

18 June — Village Ridge, Barrow, Alaska

Nest located by Dr. Frank A. Pitelka and myself, at about 1430. - 3 eggs. Nest was a depression in

Intro

Methods

Overall Chronology

Study area

Courtship Behavior - Mating System - map

Nest sites

Incubation Period - films

Nestling Period

Hatchling Period - Dispersal - banding
- growth rates

~~Fledgling~~ Fledgling Period -

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1972

Curlew Sandpiper

a clump of grass on a high-centered polygon in highly polygonized terrain with several 20 × 20 ft. ponds nearby. The eggs appeared less pointed than those of other sandpipers seen so far; the ground color was green with irregular dark markings. Discovery will be kept secret to allow undisturbed intensive study. There was a possible second male heard nearby and there is at least one other female around, although she wasn't seen today. The male gave his full aerial display twice during our presence, and gave his clear rising whistle several times.

20 June 1500 - Dr. Pitelka and myself suceeded in locating three displaying males in same vicinity as above. The male associated with the nest located on 18 June displays actively over an extremely wide area, probably 500 × 500 yards

1500 - Dr. Pitelka and I found a second nest maybe 1000 yards SW. of the first nest. There were four eggs. The nest was located on a ridge which rose steeply from some standing water, ~~and was on~~ about 18" above the water on the summit in some fairly dense grass. The tundra of the vicinity was highly eroded, and looks black from a distance due to exposure of organic materials. There were pools of standing water between the hummocks. Overall, the location was very similar to that of the previously detected nest. There was a beautiful male

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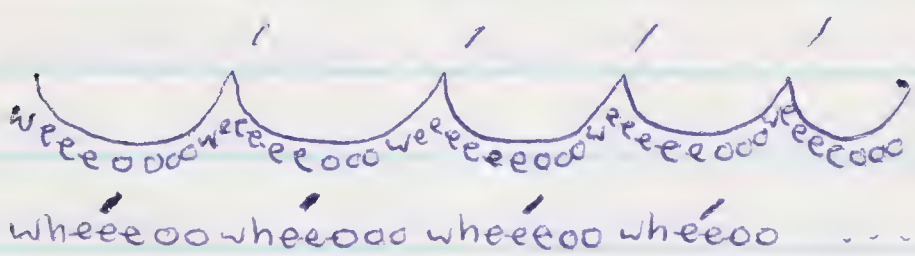
1972

Curlew Sandpiper

associated with the nest. The vermiculations on the back and wing were colored with areas of orangy-red — not all the light areas were whitish. The males stand on mound tops, with one foot forward of the other, giving their continuous melodious wheezy chirruppings



This is the same trilling call he gives in the beginning of his display flight.

Chases involving three birds were seen to last for over 15 seconds. The participants were of doubt — at least one male and one female. The third bird could have been either a pale male or a female. At one time, one of the males was definitely from Nest 1 - we watched him from his own territory cruise over towards the Nest 2 area (at that time not located) and immediately become involved in a three-party chase. The third males has yet to be ~~established beyond doubt~~ seen and identified clearly, although he is probably one of the pale birds in the chases. At another time, a ~~very~~ pale bird was seen to chase a male - whether this was the mystery third male or not was not determined. Dr. Pitelka observed that each of the three males' ascending whistle notes was ~~different~~ : that of Nest 1 male rose to a higher pitch and was more sustained; that of the Nest 2

Remsen, J.V. 1972

Curlew Sandpiper

male did not rise quite so high nor was so sustained. That of the third male was weakest of the three - not very loud and barely rose on the scale.

The female after flushing made several cruising flights around the area (100ft radius), uttering a very high-pitched twittering while the male gave a lower-pitched, very rich "chirrup-chirrup".

The area over which the Nest 2 male displayed appeared to be smaller than that of the Nest 1 male but that may be because we were disturbing his nest.

26 June — NARL, Barrow, Alaska

Mike Fitzgerald found two more Curlew Sandpiper nests within the territories of our previously discovered males' and Dr. Pitelka found a third under construction; thus polygamy is a fact in this species

22 June — NARL, ~~Utt~~ Barrow, Alaska

Nest camera placed on Nest 1 at 1630. Female returned to nest after about 5 minutes of hesitation

23 June — NARL, Barrow, Alaska

Chansed film at 2330. Female not incubating.

Dr. Pitelka and myself searched in vain for Curlew Sandpipers on Gasline Ridge where he had heard them previously

25 June — NARL, Barrow, Alaska

Removed nest 1 camera at 0930. Female Curlew displaced (one flash) Dunlin from mound by wing-flashing and moving toward him a few steps. Photographed ♀ and ♂ at 2300. 2 ♂ giving displays. ♀ chased Pectorals repeatedly near nest,

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1972

Curlew Sandpiper

even a hefty male. In flight, she was followed by three pectorals which were part of the new flux of (?) young birds - When she displaced a male pectoral, they bowed heads at each other head on, and she charged him and he flew.

28 June — 0730-0915 - F.A.P. and myself searched in vain for nests of possible 7th and 8th females. No males at all were detected desite no wind — we were convinced that they had departed.

6 July — 0915 - Placed nest camera on N_1. - 4 egss, still. Female had radically changed in her attitude towards intruders from 25 June — amazingly tame. She returned to within 30 feet of the nest, circled Terry Hall a few times, and sat down and began incubating within 5 minutes. Terry snapped a picture and she flushed but again returned within a couple of minutes - He, myself, and Larry Goldstein just couldn't believe it — we even temporarily forgot about the huge swarms of mosquitoes.

7 July — Jeff Myll found a nest/4e on Gasline Ridge where we had suspected nesting earlier. The nest was on the IBP Bird Transect.

8 July — 2230 - Placed nest camera on Gasline Ridge nest (N_7); bird did not return before we left

2330 - No eggs in N_1. Removed camera. No birds in sight

9 July — 1030 - F.A. Pitelka and myself found what was almost certainly the Curlew ♀ from N_1 attending at least 2 chicks about 225 yds. ~~W~~ E. of Village Ridge on the

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J.V.
1972

Curlew Sandpiper

edge of Voth Slough. We checked the other 5 nests 1100 – 1300.:

$\underline{N_2}$: 4 chicks in nest. 1 collected and prepared for MVZ ~~by~~ F.A.P. Wt. 8.0 g ♂

$\underline{N_3}$: 3 chicks, 1 hatching egg

$\underline{N_4}$: 4 eggs

[N_5: unused nest cup]

$\underline{N_6}$: 1 chick, 1 chick hatching, 2 eggs

$\underline{N_7}$: 4 eggs.

Thus all nests are intact. F.A.P guesses the incubation period on N_1 will be 18 days, but the nest camera film will give the story.

The female gives a sharp twittering call near the nestlings which I don't recall having heard previously – possibly an alarm note for the nestlings. Females varied in their boldness at the nests, e.g. N_3 female was extremely tame and even darted at us as if to attack, but N_2 only scolded us from a distance. The amount and brightness of the breast color was also variable ~~in order~~ among the females.

1600 - 1700: Returned to all nests except N_4 which could not be located.

$\underline{N_2}$: gone

$\underline{N_3}$: 4 chicks, banded, weighed.

74 – 198301 – 8.0 g

302 – 7.9 g

303 – 7.8 g

304 – 7.7 g – still not dry – very recently hatched

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1972

9 July

Curlew Sandpiper

N6 : 3 chicks, banded weished

306 - 7.8 g

307 - 8.4 g

308 - 8.1 g

cracking egg - 9.4 g

N7 : 4 eggs

The boldness of ♀ N3 was just incredible. She approached to within 1 foot scolding me, and brooded young remaining on the nest as well as those released, right in front of me 4 feet away. She gave a low clucking sound similar to that heard two days ago from the Semi-palmated Sandpiper which seemed to serve as the same attracting note for the young to be brooded. The chicks nestled under either side of the female, heads pointing towards her rear, just as in the Semipalmated Sandpiper. Many pictures were taken at close range, but with only a 50 mm. lens. All but one chick were successfully placed back in the nest; the fourth would not stay and took off, followed by mother. Female N6 was not nearly so bold, only scolding from a distance. On several occasions, N3 ♀ gave a rolling, rhytmic trill which was very similar to that trill used by the male. ("wheeeooo wheeeoo wheeeooo ....")

1515 - Checked the Gasline Ridge nest but no bird was seen to leave the nest and no bird appeared to be in the area after waiting 20 minutes 50 feet from the nest. Camera removed due to possible desertion.

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Curlew Sandpiper

10 July 1030-1145: checked Village Ridge nests:

N_4: 4 eggs

N_7: 4 eggs

N_6: gone but captured young 40 yds to SW of nest; banded and weighed:

7.4, 8.2, 7.9, 7.6 grams.
(306) (307) (308) (309)

1115-1130 Nest camera placed on N_4

N_6 ♀ not only gave the "wheeeoo, wheeoo" (drilla-drilla of FAP) call of the male but almost completed full display song. — after the wheeoo-wheeoo came a couple of mechanical notes and then one of the ascending whistles of the male, but softer. This seemed to ~~be a response to~~ indicate extreme agitation or perhaps an extension or intensification of the gathering call for the young.

However, in Voth Slough at 1150, a lone ♀ was flushed and she continued 100 ft up in the air for maybe 300 yds and then gave a "whee-ooo-wheeo --" followed by an ascending whistle (all less loud and crisp than a male).

Jeff Myll banded 3 young on the east side of Voth Slough between sites 2, 4. Mike Fitzgerald also saw a brood of at least 3 unbanded young in the southern tip of Voth Slough before it bends SE; also two ~~more~~ females together in Voth Slough. Thus there are at least two broods which we did not discover in the nest.

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1972

Curlew Sandpiper

11 July

1600 - ♀ - heavy breast color found by myself, Terry Hall, and Fred Cole about 400 m. NE of the lone pole on Village Ridge. Two young were captured and banded:

74 - 198400 - 13.2 g

198310 - 13.4g

1700 - Removed camera from N_4 - no eggs or young in nest

1710 - N_7 - 4 eggs : weights : 10.0, 10.5, 10.3, 9.9 g.

Reports from Mike Fitzgerald:

0955 - ♀ 300 m SE of lone pole - intermed. breast color

1020 - ♀ E side of Voth Slough 200 m. S. of Golden Plover nest: (Why not in E of creek) → 3 chicks caught: 76 - 134631 - 18.0g; 33 - 12.5g; 32 - 17.5g (yes, OK)

1940 - ♀ E side of Voth Slough, 800 m. E of Cross. Behaved as if chicks in vicinity

2030 - ♀ 400m due E. from Cross on W. side Voth Creek - Chick-in-vicinity-behavior

13 July

1530 - one ♀ seen on W. edge Voth Slough near Site 7 - probably without chicks

1630 - ♀ at Footprint Lake (northernmost end) with apparently only one chick: 74 - 198311 - 15.5g. She gave several "wheeeoos" while in slow flight; ~~perhaps~~ as well as on the ground - definitely the "come this way" signal for the chicks.

1600: N_7: 4 eggs, ♀ on.

Jeff Mull reported 2 ♀ on Bird Transect, one of which apparently had chicks and the other of which appeared to be a wanderer.

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report from Mike Fitzgerald:

1000: ♀ E. side Voth Slough due E of cross -
same place as previous evening

1020 - ♀ N. border of Voth Slough at latitude of Site 2

15 July

0930 - Two ♀♀ in same area about 200 yds SSE of cross. on west side of Voth Creek. Caught one young from each parent - may have been the only young left in either brood.

- 316. 26.7 grams
- 309 19.2 grams (recapture)

The females were seen to harass and chase (but not as closely or fiercely as a Turnstone does) one of each of the three species of jaegers -

1030 - One ♀ with at least 3 young on w. side of ther ditch 375 yds. SE of N7 (paced).

- 317 7.6 g
- 318 8.1 g
- 319 8.2 g

Thus they probably hadn't been out of the nest more than a day and may have come from ~~the~~ N7

1045 - Another ♀ acting as if it had chicks in the area about 150 yds SE of N7

1100 - N7 empty

16 July

1430 - 1 ♀ acting as if brood close by was seen by Fred Cole, Roy Peterson and myself on ridges to west of Footprint Lake so far south that it could not have come

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from any of our previously discovered nests.

17 July — 1600 - 2 ♀♀ between Site 2,4 on Batzli's grid, both acting as if broods present. Both very richly colored on breast. Captured one chick = Myll 631 - 42.5 g. Original weights from J. Myll.

631	14.3 g
632	14.3 g
633	11.0 g

date? - 7.10

Recapted one chick on Batzli's grid

631	42.5g

18 July — 1000 3 ♀♀ on w. side Voth creek near Site 7.

2 juveniles recaptured

633 -	39.2 g
316 -	38.9 g

1700 - 3 ♀♀ still at same place, moving slightly north. All three acted as if attending broods, but only chicks from one brood captured.

631 -	44.9 g
632 -	44.5 g

Thus this brood had moved at least 300 m since yesterday and had crossed to the other side of Voth Slough.

2200 - No birds could be located any where on the w. side of Voth Slough all the way to the cross, or anywhere (e. of ditch) on Village Ridge, including areas to the north of Site 7. Ron Brooks reported 1♀ on Site 4 and so maybe the group moved back across the slough again

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19 July

1600 - One ♀ heard between sites 2-4.

1100 - One juvenile (banded but not by me, - Norton's group can't find out which one of them banded it) taken from between site 2 + 4 (50 m from road) by Jeff Myll for respirometry, and returned at 1500 to same place - ♀ supposedly nearby. No respirometry data gathered - machine broken. I was not asked if it would be alright to take the chick.

Weight on July 17 of #051 - 42.9 g
July 19 ———

20 July

1600 - 2 ♀ on w. end of Bird Transect on e. edge of road. Both dark breasted. One juvenile captured - 633 - 43.3 g

The primaries were becoming developed, and the white wing stripe was developing; the bird also tried to escape by flapping while running. Apparently the fledging weight stabilizes at about 44 g. At least one more chick was seen but not captured.

The male display notes used by female have not been heard for a couple? of days now.

~~July~~

No birds found anywhere in Voth Slough or Village Ridge or beyond the ditch despite thorough search 1030-1130.

23 July

2000 - Three FLYING juveniles found at site 2. Still attended by adult. All three had on pink bands indicating 631, 632, 633 were the birds and that they probably came from N1. It was really fantastic to approach a

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Curlew Sandpiper

juvenile ready for a spirited chase and then to have them take off - wow. They weren't extremely competent yet - one ran into a low screen and momentarily stunned itself. The female was still giving the Prrrttt!. Prrrttt! alarm call.

27 July — 1030 - Voth Slough about 300 m N. of cross : 1 heavily molting female attending 3 competently flying young, 1 of which was banded and 2 unbanded. They flew much better than did those seen on 23 July. The ♀♀ still gives the "Prrrtt, Prrrtt" alarm call. These juveniles appeared to have a rusty tinge to their buffy breasts, almost a hint of the adult's color. No others were found on Village Ridge or in Voth Slough 1000 - 1130 despite thorough search.

28 July — 1350 - 1600 - No birds anywhere in Voth Slough, Village Ridge, area towards airport, Site 2 or 4. Gone.

31 July — 1800 - Britton Pond - 1 fledged juvenile feeding. Returned at 1930 and took pictures (also photographed by Fred Cole).

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Phylloscopus ?

~~AA~~

11 July ~~OSMAS~~ IBP Site 1, Barrow, Alaska

0945 - Tom Custer found this bird at the Calle-eater and drew my attention to it. It was definitely a Phylloscopus, and not a Parulid, due to the very small size (near Kinglet), very short tail, and slightly upturned, slightly thickened bill. The only conspicuous field marks were the very yellowish-orange lower mandible, whitish eye-line, and a gold wash in the primaries. The underparts (throat to undertail coverts) were nearly immaculately dull whitish, and the upper parts, forehead, cheeks to upperside tail, were uniformly olive brownish-green. The legs were a dull yellow. The bird was silent. It foraged mainly on the ground, occasionally perching on a low wire, and often sitting motionless as if resting. It was also seen by Larry Goldstein, Jeff Myll, Tom , and Scott Kronberg; Scott collected the bird and F. A. Pitelka prepared it for MUZ. It was a non-breeding ♀ (ova to 1 mm) with fat.

Longspur Family Observations

Date	location	sex-banded?	What Dang? Comments:	Observer
10 July	site 1: SW corner on S. side Voth Creek	♂ unbanded	feeding unbanded fledglings	VR
11 July	NE corner Site 1	♂ SY-BG	feeding banded fledglings	VR
12 "	Micro-Met area, Site 1	♀ SW-RB	"	VR
13 July	So Micro Met area site 1 (near river)	♀-banded only ♂ unbanded	feeding 3 fledglings	T.W.C.
15 July	Site 7 women → Site 2 women (south Voth creek)	♂ SY-RB	feeding fledglings	V.R.
17 July	4C - IBP GRID	♀ SY-BP: w-1 fledgling	neotlings flying near, no feeding	TWC
	4B - IBP GRID	♀? Banded ③ w/ Banded fledgling	♀ not feeding Juv	TWC
	3B IBP GRID	UB ♀	Juv feeding	TWC
	4B - IBP GRID	♂ SY BG	not feeding	TWC
19 July	So Voth Creek EAST ROAD Nest has 3	♂ RWB SY-YY + 1* Fledgling Banded ♀ SY-BP ♂ Banded only	fledgling near by NOT feeding it! (banded) fledgling near by	TWC
			w/ young	TWC
	IBP Site 1 Power lines at site 2	# - 830 juvenile	all young apparently independent - no feeding of young observed broken wing	VR reported by J. Myll

Calcarius sp.

QK · B6688